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AIRS Facility Subsystem Source Classification Codes and Emission Factor Listing for Criteria Air Pollutants

(U.S.) Environmental Protection Agency, Research Triangle Park, NC

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16. ABSTRACT

This publication contains emission factors which may be used to estimate air pollution emissions from stationary point sources (such as industrial plants) for six criteria pollutants: PM_{10}, Sulfur Oxides, Nitrogen Oxides, Reactive Volatile Organic Compounds, Carbon Monoxide and Lead. Factors are grouped by "source classification codes" which are used by EPA to store and retrieve point source emission data. Each SCC represents a unique process or function within a source category logically associated with a point of air pollution emissions. This document also briefly explains how to calculate estimated point source emissions.

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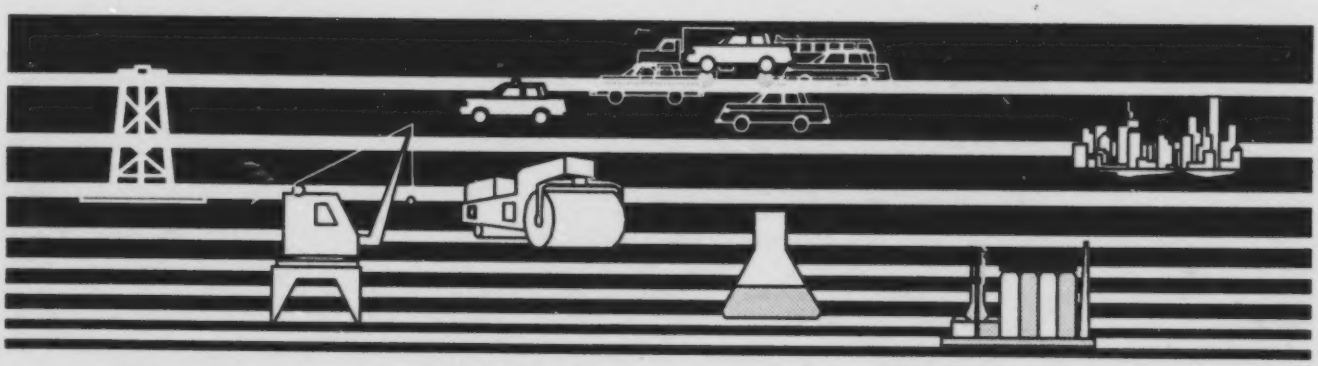
AIRS FACILITY SUBSYSTEM SOURCE CLASSIFICATION CODES AND EMISSION FACTOR LISTING FOR CRITERIA AIR POLLUTANTS



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AIRS Facility Subsystem

Source Classification Codes and Emission Factor Listing

for Criteria Air Pollutants

EPA Document Number: EPA 450/4-90-003

Prepared by the

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NATIONAL AIR DATA BRANCH

Technical Support Division
Office of Air Quality Planning & Standards

U.S. ENVIRONMENTAL PROTECTION AGENCY
Research Triangle Park, North Carolina 27711

MARCH 1990

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ABSTRACT

This report provides industrial Source Classification Codes (SCCs) and emission factors for use in the estimation, storage and retrieval of point source air pollutant emissions in the Aerometric Information Retrieval System (AIRS) Facility Subsystem (AFS) of the U.S. Environmental Protection Agency. These codes and factors have been developed for the six criteria pollutants: particulate matter (with TSP as the indicator pollutant), sulfur oxides, nitrogen oxides, reactive volatile organic compounds, carbon monoxide, and lead. The major goal of this document is to provide assistance to State air pollution emission inventory personnel who prepare air emissions data for submission to the U.S. Environmental Protection Agency as required by the U.S. Code of Federal Regulations (40CFR). Calculation of emission estimates is discussed as well as the Source Classification Code (SCC) system of associating air pollution estimates with unique, identifiable industrial processes.

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AIRS/Facility Subsystem Source Classification Codes and EMISSION FACTOR Listing

-- USER INFORMATION --

AIRS/FACILITY SUBSYSTEM SOURCE CLASSIFICATION CODES AND EMISSION FACTOR LISTING FOR CRITERIA AIR POLLUTANTS

The Source Classification Codes (SCCs) are the "building blocks" upon which the National Emissions Data System (NEDS) -- the national depository of point source emission data -- was structured. **NEDS has now been completely replaced by the new Aerometric Information Retrieval System (AIRS)/Facility Subsystem (AFS).** The SCCs used in NEDS will continue to be used in AFS. Each SCC represents a unique process or function within a source category logically associated with a point of air pollution emissions. In AFS, any operation that causes air pollution can be represented by one or more of these SCCs. SCC is a very critical data item since, without an appropriate SCC, a process can not be properly identified for retrieval purposes, nor the emissions properly calculated.

PURPOSE OF THIS DOCUMENT

The purpose of this document is to establish a more efficient process and a well-defined structure for accessing and presenting emission factor information generated by EPA. In addition, this document:

(1) consolidates by SCC, all currently available emission factors into one document;

(2) corrects or deletes previously published emission factors, as necessary; and

(3) provides newly developed SCCs and emission factors.

This document will be revised, and revisions distributed, as the development of new emission factors may warrant. This document does NOT take the place of Compilation of Air Pollutant Emission Factors, Fourth Edition, AP-42.

WHAT THIS DOCUMENT CONTAINS

Emission factors for the six criteria pollutants (PM_{10}, Sulfur Oxides, Nitrogen Oxides, Volatile Organic Compounds, Carbon Monoxide, and Lead) that correspond to

each SCC are presented in this document. These factors are intended for use as default values if a State AFS user cannot supply better estimates of emissions. These factors, for the most part, are taken directly from AP-42. In certain cases, however, they may be (1) derived from information not yet incorporated into AP-42 or (2) based merely on the similarity of one process to another for which emissions information does exist.

The Source Classification Code and Emission Factor Listing in this document replaces all previous listings. The inventory has been updated to include all emission factor changes and additions through the latest supplement to AP-42. This revised document contains a number of new SCCs.

SOURCES OF SCCs AND EMISSION FACTORS

This document contains emission factor listings for the six criteria pollutants as mentioned above. In addition, Particulate Matter (PM) emission factors are retained in this document, even though PM_{10} has replaced PM/TSP as a criteria pollutant. All emission factors reported in the following documents are consolidated and presented in a tabular format in this document:

- AP-42 (Fourth Edition, September 1985)
- Supplement A to AP-42 (December 1986)
- Supplement B to AP-42 (September 1988)
- Criteria Pollutant Emission Factors for the 1985 NAPAP Emissions Inventory, (May 1987)
- Interim Report on New or Revised PM_{10} and Other Emission Factors (April 1988) and
- Gap Filling PM_{10} Emission Factors for Selected Open Area Dust Sources, EPA-450/4-88-003, (February 1988)
- NEDS SCC/Emission Factor Listing - PM_{10} (Second Edition, August 1988)

OTHER FORMS OF THIS DOCUMENT

The IBM magnetic tape version of the entire AFS/SCC file is available to requestors with mainframe computer capabilities/access from the National Air Data Branch of the U.S. EPA at the address given below. A PC diskette version of this

document is also available. The PC version (requires 512K of RAM and an IBM PC-XT or more advanced type machine) features user friendly menus to assist in retrieval and access of emission factors selected by one of the following field descriptions:

- Source Classification Code,
- SIC Code,
- Industry Group Name, or
- SCC Process Name.

Within the selected categories, users can see emission factors for all pollutants. This PC diskette version will also allow users to "customize" their own copy of the diskette/document by enabling emission factor changes or the addition of new SCCs and emission factors. Any comments regarding these computerized formats should be directed to:

Chief, Operations Maintenance Section (MD-14)
National Air Data Branch (NADB)
U. S. Environmental Protection Agency
Research Triangle Park, NC 27711

Commercial: (919) 541-5584
FTS: 629-5584

ADDITIONAL INFORMATION ABOUT AFS

More information regarding the AIRS Facility Subsystem -- data coding, data entry and retrieval capabilities -- is contained in the following AIRS User Guides:

AIRS Volume VIII: Coding Facility Emissions Data
AIRS Volume IX: Storing Facility Emissions Data
AIRS Volume X: Retrieving Facility Emissions Data

For information on the availability of these publications, please feel free to contact NADB at the above address.

QUALITY OF NEW EMISSION FACTORS

Emission factor estimates that have been added to this listing are not of the known quality as the previously reported AP-42 based emission factors. By AP-42 standards, these estimates should be considered of "E" quality, because they have not been subjected to rigorous quality assurance. In some cases, the new emission factors may be of higher quality, but the data must be extensively reviewed and verified before higher ratings could be validated. The goal of some recent efforts was to fill gaps in previous documents and to consolidate all criteria emission factors within one document. As previously discussed, information was gathered from a variety of sources, including unverified State data, secondary references such as draft or unpublished reports, and personal communication.

HOW TO CALCULATE EMISSIONS

In order to calculate emissions using the emission factors in this publication, certain data values must be present, including:

(1) an annual operating rate;
(2) fuel parameters, if applicable;
(3) emission factor from the SCC file; and
(4) percent control efficiency, if a control device is present.

Calculated emissions are derived as follows:

Calculated Emissions (Tons/Year) =

$$\frac{\text{Annual Operating Rate for SCC}}{} \times \frac{\text{Emission Factor From SCC File}}{\text{2,000 Pounds/Ton}} \times \frac{\text{Fuel Parameters If Applicable}}{} \times \frac{\text{100 - \% Control Efficiency}}{\text{100}}$$

Where:

Annual Operating Rate = SCC Units/Year

Emission Factor = Pounds/SCC Unit

Fuel Parameter	=	Ash or Sulfur Content of Fuel by Weight Percent
Control Efficiency	=	Pollutant Control Device Percent Efficiency

Fugitive Emissions Calculations

The AFS SCCs were recently expanded to include many individual unit operations within chemical process units. One additional SCC in most chemical process units is for **"Fugitive Emissions: General"**. Fugitive emissions or equipment leaks are not proportional to production rate, but rather are associated with process unit complexity (i.e., the number of equipment components in the process unit). As a result, the emissions from equipment leaks are presented in pounds per process unit-year, not pounds/SCC unit like other SCCs. To implement the fugitive emissions estimate given in the listing, the source must be coded with AFS emission estimation method code 8 (emissions to be calculated by a computerized method) with an associated annual fuel process rate that indicates the number of process units in operation during the year. This permits the AFS inventory computer program automatically to calculate emissions. Emission estimates are presented for equipment leaks in a limited number of chemical process unit types.

VOC Emissions Calculation

Agency policy and EPA guidance to States on the preparation of VOC emission inventories indicate that certain VOCs that are considered to be photochemically nonreactive under atmospheric conditions should be excluded from emission inventories for ozone State Implementation Plan (SIP) development. This subject is discussed further in the report Procedures for the Preparation of Emission Inventories for Precursors of Ozone, Volume I), Third Edition, (EPA-450/14-88-021). However, some of these photochemically nonreactive VOCs are toxic (e.g., methylene chloride) and should be included in the air toxics inventories. Air toxics are not addressed specifically in this document. Compiling toxics inventories may involve different needs and requirements.

Nonreactive VOC components are identified by data given in the Air Emission Species Manual, Volume 1 -- Volatile Organic Compounds Species Profiles, (EPA 450/2-88-003a) and in AP-42. However, some categories do not have VOC species data. These categories use the AP-42 nonmethane VOC emission factors to represent reactive

VOC emission factors. The following compounds are considered to be photochemically nonreactive:

- Methane
- Ethane
- Trichlorotrifluoroethane (Freon 113)
- Methylene Chloride
- 1,1,1-Trichloroethane (Methyl Chloroform)
- Trichlorofluoromethane
- Dichlorodifluoromethane
- Chlorodifluoromethane
- Trifluoromethane
- Dichlorotetrafluoroethane

SO_X Emission Calculations

Emissions of sulfur oxides (SO_X) represent the total weight of gaseous SO_2 and SO_3 emissions expressed as the equivalent weight of sulfur dioxide SO_2. SO_3 emissions are adjusted to the equivalent weight of SO_2 by multiplying the SO_3 emissions by the ratio of molecular weights (64/80) to express as the equivalent weight of SO_2. The weight of SO_2 and SO_3 adjusted to an equivalent weight of SO_2 are then added and reported as SO_2 emissions. Particulate sulfate is reported as particulate rather than SO_2.

NO_X Emission Calculations

For NO_X emissions, the emissions are expressed as the equivalent weight of NO_2, regardless of what NO_X species are actually emitted. Molecular weight adjustments similar to those shown above for SO_2 to an NO_2 basis are appropriate. All emission factors that appear in this document are expressed as the equivalent weight of NO_2. Normally, AP-42 emission factors for NO_X are expressed as NO_2, unless indicated otherwise.

WHOM TO CALL FOR TECHNICAL ASSISTANCE

Emission Factors

Comments, questions, or requests for assistance should be addressed to:

Chief, Criteria Emissions Section (MD-14)
Office of Air Quality Planning and Standards
U.S. Environmental Protection Agency
Research Triangle Park, NC 27711

Commercial: (919) 541-5575
FTS: 629-5575

Source Classification Codes

Comments, questions, or requests for assistance should be addressed to:

Chief, Operations and Maintenance Section (MD-14)
Office of Air Quality Planning and Standards
U.S. Environmental Protection Agency
Research Triangle Park, NC 27711

Attn: Sue Kimbrough

Commercial: (919) 541-5457
FTS: 629-5457

HELP US IMPROVE THIS DOCUMENT

A brief questionnaire discussing the usefulness and format of this publication (with a postage-paid return envelope) has been included at the end of the document. Since this document is prepared to assist emissions inventory personnel, please take a moment to fill out the form and return it to us and let us know if this document is useful or how its' content and format could be more helpful.

In the questionnaire, you may also request additional copies of this listing and changes of address where necessary. Our goal is to get this document into the hands of all State personnel to whom it will provide assistance in preparing good emissions inventories.

LIST OF ABBREVIATIONS AND SYMBOLS

ABBREVIATIONS

A	-- Ash content of fuel, by weight percent
BBL	-- Barrels*
BOF	-- Basic Oxygen Furnace
CHP	-- Cumene Hydroperoxide
DCB_Z	-- Dichlorobenzene
DCB	-- Dichlorobutene
DCIPE	-- Dichloroisopropyl Ether
DCP	-- Dichloropropane
DIPB	-- Diisopropylbenzene
EAF	-- Electric Arc Furnace
H.S.S.	-- Horizontal Stud Soderberg
JP-4	-- Naphtha-Type Jet Fuel
LDV	-- Light Duty Vehicle
LPG	-- Liquified Petroleum Gas
MBA-AP	-- Methyl Benzyl Alcohol-Acetophenone
MCB	-- Monochlorobenzene
MDI	-- Methylenebis(4-phenyl isocyanate)
MEK	-- Methyl Ethyl Ketone
MIBK	-- Methyl Isobutyl Ketone
MDV	-- Medium Duty Vehicle
MMA	-- Methyl Methacrylate
MMBtu/Hr	-- Million British Thermal Units per Hour
NEG	-- Negligible emissions
PART	-- Particulate
PO	-- Propylene Oxide
RVP	-- Reid Vapor Pressure, the absolute pressure of gasoline at 100° in psia as determined by ASTM Method D323-72.
S	-- Sulfur content of fuel, by weight percent
SCC	-- Source Classification Code
SCFM	-- Standard Cubic Feet per Minute*
Sq. Ft.	-- Square Feet

TBA	-- t-Butyl Alcohol
TDA	-- Toluene Diamine
TDI	-- Toluene Diisocyanate
VOC	-- Volatile Organic Compound
V.S.S.	-- Vertical Stud Soderberg
w/	-- with
w/o	-- without

SYMBOLS

Ca	-- Calcium
CO	-- Carbon Monoxide
CO_2	-- Carbon Dioxide
FeSi	-- Ferrosilicon
HCl	-- Hydrochloric Acid
HCN	-- Hydrogen Cyanide
HNO_3	-- Nitric Acid
H_2SO_4	-- Sulfuric Acid
Lb	-- Pound*
MgO	-- Magnesium Oxide
Na	-- Sodium
NH_3	-- Ammonia
NO_X	-- Nitrogen Oxides
P_2O_5	-- Phosphorus Pentoxide
SO_X	-- Sulfur Oxide
TiO_2	-- Titanium Dioxide

* Readers more familiar with metric units may use the conversion table on the next page.

CONVERSION FACTORS

To Convert From	To	Multiply By
Acre	Square Meter (m^2)	4047
Acre	hectare (ha)	2.471
Barrel (Bbl) - Petroleum*	Gallon (gal)	42
Barrel (Bbl)	Liter (l)	159
Gallon (gal)	Liter (l)	3.785
Inch (in)	Centimeter (cm)	2.54
Feet (ft)	Meter (m)	0.3048
Square feet (ft^2)	Square meter (m^2)	0.0929
Cubic feet (ft^3)	Cubic meter (m^3)	0.0283
Cubic feet (ft^3)	Liters (l)	28.316
Cubic feet/minute	Cubic centimeter/second	472.0
Cubic yard (yd^3)	Cubic meter (m^3)	0.77
Board foot	Cubic meter (m^3)	0.0024
Btu	Gram/calorie (g/cal)	251.98
Pound steam/hour†	Btu/hour	1400.0
Btu/hour	Watt	0.293
Pound (lb)	Kilogram (kg)	0.45
Ton	Kilogram (kg)	907.1
Pound/ton (lb/ton)	Gram/kilogram (g/kg)	0.496
Fahrenheit	Centigrade	(°F-32) 5/9
Centigrade	Fahrenheit	(^{o}C+32) 9/5

*42 gal/bbl is the standard as used in the oil industry. For other industries, different gallons/bbl apply.

† Typical value based on common boiler design parameters. Value will vary depending upon steam temperature and pressure.

KEY TO EMISSION FACTORS

1. An "A" accompanying an emission factor means that this factor is the weighted average ash content of the fuel burned, expressed as a percent. See, for example, SCC 1-01-001-01 on page 19. If the weighted average ash content of the pulverized anthracite coal burned were five percent (5%), then the emission factor would become 2.3 x 5, or 11.5 pounds, of PM_{10} emitted per ton of anthracite coal burned (before control).

2. An "S" accompanying an emission factor means that this factor is the weighted average sulfur content of the fuel burned, expressed as a percent. See, for example, SCC 1-01-004-01 on page 20. If the weighted average sulfur content of the Grade 6 oil burned were three percent (3%), then the emission factor would become 9.6 x 3, or 28.8, pounds of PM_{10} emitted per one thousand gallons of Grade 6 oil burned (before control).

3. The entry "---" means that, as yet, we have no emission factor for this SCC. See, for example, SCC 1-01-002-17 on page 19.

4. The entry "xxx" means that EPA will not produce a generic emission factor for this SCC because of the variability of operating parameters from point to point. See, for example, SCC 1-02-007-99 on page 24.

5. "PART" refers to **all** particulate matter of **all** sizes. PM_{10} refers only to particulate matter from 0.0 to 10.0 microns in diameter.

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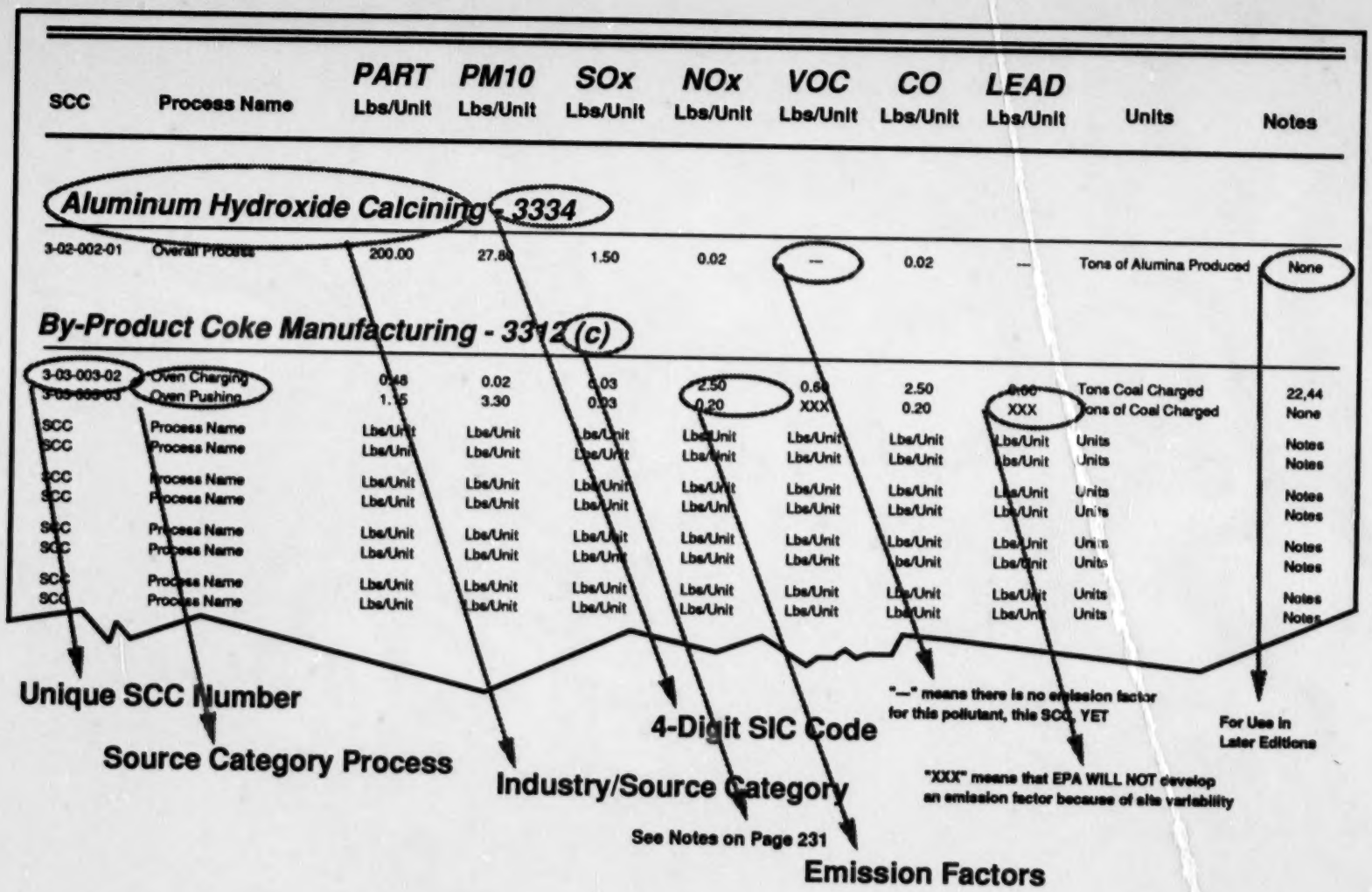

SOURCE CLASSIFICATION CODES AND EMISSION FACTOR LISTING

EXTERNAL COMBUSTION BOILERS

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
EXTERNAL COMBUSTION BOILERS										
EXTERNAL COMBUSTION BOILERS - ELECTRIC GENERATION - SIC 4911 (a)										
Anthracite Coal - 4911										
1-01-001-01	Pulverized Coal	10.0 A	2.3 A	39.0 S	18.0	0.07	0.6	0.0133	Tons Burned	
1-01-001-02	Traveling Grate (Overfeed) Stoker	9.1	4.8	39.0 S	10.0	0.07	0.6	0.0133	Tons Burned	
Bituminous Coal - 4911										
1-01-002-01	Pulverized Coal: Wet Bottom	7.0 A	2.6 A	39.0 S	34.0	0.07	0.6	0.0133	Tons Burned	
1-01-002-02	Pulverized Coal: Dry Bottom	10.0 A	2.3 A	39.0 S	21.0	0.07	0.6	0.0133	Tons Burned	
1-01-002-03	Cyclone Furnace	2.0 A	0.26 A	39.0 S	37.0	0.07	0.6	0.0133	Tons Burned	
1-01-002-04	Spreader Stoker	60.0	12.0	39.0 S	14.0	0.07	5.0	0.0133	Tons Burned	
1-01-002-05	Traveling Grate (Overfeed) Stoker	16.0	6.0	39.0 S	7.5	0.07	6.0	0.0133	Tons Burned	
1-01-002-12	Pulverized Coal: Dry Bottom (Tangential)	10.0 A	2.3 A	39.0 S	15.0	0.07	0.6	---	Tons Burned	
1-01-002-17	Atmospheric Fluidized Bed Combustion	---	---	14.0	13.0	0.07	---	---	Tons Burned	
Subbituminous Coal - 4911										
1-01-002-21	Pulverized Coal: Wet Bottom	7.0 A	2.6 A	35.0 S	34.0	0.07	0.6	0.0133	Tons Burned	
1-01-002-22	Pulverized Coal: Dry Bottom	10.0 A	2.3 A	35.0 S	21.0	0.07	0.6	0.0133	Tons Burned	
1-01-002-23	Cyclone Furnace	2.0 A	0.26 A	35.0 S	37.0	0.07	0.6	0.0133	Tons Burned	
1-01-002-24	Spreader Stoker	60.0	12.0	35.0 S	14.0	0.07	5.0	0.0133	Tons Burned	
1-01-002-25	Traveling Grate (Overfeed) Stoker	16.0	6.0	35.0 S	7.5	0.07	6.0	0.0133	Tons Burned	
1-01-002-26	Pulverized Coal: Dry Bottom (Tangential)	10.0 A	2.3 A	35.0 S	15.0	0.07	0.6	---	Tons Burned	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Lignite - 4911										
1-01-003-01	Pulverized Coal	6.3 A	2.18 A	30.0 S	14.0	0.07	0.6	0.0133	Tons Burned	
1-01-003-02	Pulverized Coal: Tangential Firing	6.3 A	2.18 A	30.0 S	8.0	0.07	0.6	---	Tons Burned	
1-01-003-03	Cyclone Furnace	6.7 A	0.87 A	30.0 S	17.0	0.07	0.6	0.0133	Tons Burned	
1-01-003-04	Traveling Grate (Overfeed) Stoker	2.9 A	1.07 A	30.0 S	6.0	0.07	6.0	0.0133	Tons Burned	
1-01-003-06	Spreader Stoker	6.8 A	1.36 A	30.0 S	6.0	0.07	5.0	0.0133	Tons Burned	
Residual Oil - 4911										
1-01-004-01	Grade 6 Oil: Normal Firing	13.0 S,(b)	9.6 S	159.3 S	67.0	0.76	5.0	0.0042	1000 Gallons Burned	
1-01-004-04	Grade 6 Oil: Tangential Firing	13.0 S,(b)	9.6 S	159.3 S	42.0	0.76	5.0	0.0042	1000 Gallons Burned	
1-01-004-05	Grade 5 Oil: Normal Firing	10.0	7.4	159.3 S	67.0	0.76	5.0	0.0042	1000 Gallons Burned	
1-01-004-06	Grade 5 Oil: Tangential Firing	10.0	7.4	159.3 S	42.0	0.76	5.0	0.0042	1000 Gallons Burned	
Distillate Oil - 4911										
1-01-005-01	Grades 1 and 2 Oil	2.0	1.0	143.6 S	24.0	0.2	5.0	0.0004	1000 Gallons Burned	
1-01-005-04	Grade 4 Oil: Normal Firing	7.0	5.19	150.0 S,(c)	67.0	0.76	5.0	0.0004	1000 Gallons Burned	
1-01-005-05	Grade 4 Oil: Tangential Firing	7.0	5.19	150.0 S,(c)	42.0	0.76	5.0	0.0004	1000 Gallons Burned	
Natural Gas - 4911										
1-01-006-01	Boilers > 100 MBtu/Hr except Tangential	3.0	3.0	0.6	550.0	1.4	40.0	---	Million Cubic Feet Burned	
1-01-006-02	Boilers < 100 MBtu/Hr except Tangential	3.0	3.0	0.6	140.0	2.8	35.0	---	Million Cubic Feet Burned	
1-01-006-04	Tangentially Fired Units	3.0	3.0	0.6	275.0	1.4	40.0	---	Million Cubic Feet Burned	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Process Gas - 4911 (c)										
1-01-007-01	Boilers > 100 MBTU/HR	3.0	3.0	950.0 S	550.0	1.4	40.0	---	Million Cubic Feet Burned	
1-01-007-02	Boilers < 100 MBTU/HR	3.0	3.0	950.0 S	140.0	2.8	35.0	---	Million Cubic Feet Burned	
Coke - 4911 (c)										
1-01-008-01	All Boiler Sizes	10.0 A	7.9 A	39.0 S	21.0	0.07	0.6	---	Tons Burned	
Wood/Bark Waste - 4911										
1-01-009-01	Bark-Fired Boiler	47.0	16.8	0.15	2.8	1.4	4.0	---	Tons Burned	
1-01-009-02	Wood/Bark Fired Boiler	7.2	6.48	0.15	2.8	1.4	4.0	---	Tons Burned	
1-01-009-03	Wood-Fired Boiler	8.8	6.48	0.15	2.8	1.4	4.0	---	Tons Burned	
Liquified Petroleum Gas (LPG) - 4911										
1-01-010-01	Butane	0.28	0.28	86.5 S,(c)	13.2	0.26	3.3	---	1000 Gallons Burned	
1-01-010-02	Propane	0.26	0.26	86.5 S,(c)	12.4	0.25	3.1	---	1000 Gallons Burned	
Bagasse - 4911										
1-01-011-01	All Boiler Sizes	16.0	5.6	0.0	1.2	2.0 (c)	2.0 (c)	---	Tons Burned	
Solid Waste - 4911										
1-01-012-01	Specify Waste Material in Comments	---	---	---	3.8	2.0	---	---	Tons Burned	
1-01-012-02	Refuse Derived Fuel	---	44.0	---	---	---	---	---	Tons Burned	
Liquid Waste - 4911										
1-01-013-01	Specify Waste Material in Comments	---	---	---	---	1.0	---	---	1000 Gallons Burned	
1-01-013-02	Waste Oil	61.0 A	12.5 A	147.0 S	20.0	1.0	5.0	1.68(d)	1000 Gallons Burned	
EXTERNAL COMBUSTION BOILERS - INDUSTRIAL (a)										
Anthracite Coal - 1000-3999										
1-02-001-01	Pulverized Coal	10.0 A	2.3 A	39.0 S	18.0	0.07	0.6	0.0133	Tons Burned	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Anthracite Coal - 1000-3999										
1-02-001-04	Traveling Grate (Overfeed) Stoker	9.1	4.8	39.0 S	10.0	0.07	0.6	0.0133	Tons Burned	
1-02-001-07	Hand-Fired	10.0	5.2	39.0 S	3.0	10.0	90.0	0.0133	Tons Burned	
Bituminous Coal - 1000-3999										
1-02-002-01	Pulverized Coal: Wet Bottom	7.0 A	2.6 A	39.0 S	34.0	0.07	0.6	0.0133	Tons Burned	
1-02-002-02	Pulverized Coal: Dry Bottom	10.0 A	2.3 A	39.0 S	21.0	0.07	0.6	0.0133	Tons Burned	
1-02-002-03	Cyclone Furnace	2.0 A	0.26 A	39.0 S	37.0	0.07	0.6	0.0133	Tons Burned	
1-02-002-04	Spreader Stoker	60.0	12.0	39.0 S	14.0	0.07	5.0	0.0133	Tons Burned	
1-02-002-05	Overfeed Stoker	16.0	6.0	39.0 S	7.5	0.07	6.0	0.0133	Tons Burned	
1-02-002-06	Underfeed Stoker	15.0	6.2	31.0 S	9.5	1.3	11.0	0.0133	Tons Burned	
1-02-002-12	Pulverized Coal: Dry Bottom (Tangential)	10.0 A	2.3 A	39.0 S	15.0	0.07	0.6	---	Tons Burned	
1-02-002-13	Wet Slurry	---	---	44.3	9.3	0.4	---	---	Tons Burned	
1-02-002-17	Atmospheric Fluidized Bed Combustion	---	---	14.0	13.0	0.07	---	---	Tons Burned	
1-02-002-19	Cogenration	10.0 A	2.3 A	39.0 S	15.0	0.07	0.6	---	Tons Burned	
Subbituminous Coal - 1000-3999										
1-02-002-21	Pulverized Coal: Wet Bottom	7.0 A	2.6 A	35.0 S	34.0	0.07	0.6	0.0133	Tons Burned	
1-02-002-22	Pulverized Coal: Dry Bottom	10.0 A	2.3 A	35.0 S	21.0	0.07	0.6	0.0133	Tons Burned	
1-02-002-23	Cyclone Furnace	2.0 A	0.26 A	35.0 S	37.0	0.07	0.6	0.0133	Tons Burned	
1-02-002-24	Spreader Stoker	60.0	12.0	35.0 S	14.0	0.07	5.0	0.0133	Tons Burned	
1-02-002-25	Traveling Grate (Overfeed) Stoker	16.0	6.0	35.0 S	7.5	0.07	6.0	0.0133	Tons Burned	
1-02-002-26	Pulverized Coal: Dry Bottom (Tangential)	10.0 A	2.3 A	35.0 S	15.0	0.07	0.6	---	Tons Burned	
1-02-002-29	Cogeneration	10.0 A	2.3 A	35.0 S	15.0	0.07	0.6	---	Tons Burned	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Lignite - 1000-3999										
1-02-003-01	Pulverized Coal	6.3 A	2.18 A	30.0 S	14.0	0.07	0.6	0.0133	Tons Burned	
1-02-003-02	Pulverized Coal: Tangential Firing	6.3 A	2.18 A	30.0 S	8.0	0.07	0.6	0.0133	Tons Burned	
1-02-003-03	Cyclone Furnace	6.7 A	0.87 A	30.0 S	17.0	0.07	0.6	0.0133	Tons Burned	
1-02-003-04	Traveling Grate (Overfeed) Stoker	2.9 A	1.07 A	30.0 S	6.0	0.07	6.0	0.0133	Tons Burned	
1-02-003-06	Spreader Stoker	6.8 A	1.36 A	30.0 S	6.0	0.07	5.0	0.0133	Tons Burned	
1-02-003-07	Cogeneration	6.3 A	2.18 A	30.0 S	8.0	0.07	0.6	---	Tons Burned	
Residual Oil - 1000-3999										
1-02-004-01	Grade 6 Oil	12.0 S,(b)	10.8 S	158.6 S	55.0	0.28	5.0	0.0042	1000 Gallons Burned	
1-02-004-04	Grade 5 Oil	10.0 (b)	9.0	158.6 S	55.0	0.28	5.0	0.0042	1000 Gallons Burned	
1-02-004-05	Cogeneration	12.0 S	10.8 S	158.6 S	55.0	0.28	5.0	---	1000 Gallons Burned	
Distillate Oil - 1000-3999										
1-02-005-01	Grades 1 and 2 Oil	2.0	1.0	143.6 S	20.0	0.2	5.0	0.0004	1000 Gallons Burned	
1-02-005-04	Grade 4 Oil	7.0	6.3	150.0 S,(c)	20.0	0.2	5.0	0.0004	1000 Gallons Burned	
1-02-005-05	Cogeneration	2.0	1.0	143.6 S	20.0	0.2	5.0	---	1000 Gallons Burned	
Natural Gas - 1000-3999										
1-02-006-01	Over 100 MBtu/Hr	3.0	3.0	0.6	550.0	1.4	40.0	---	Million Cubic Feet Burned	
1-02-006-02	10-100 MMBtu/Hr	3.0	3.0	0.6	140.0	2.8	35.0	---	Million Cubic Feet Burned	
1-02-006-03	Less Than 10 MMBtu/Hr	3.0	3.0	0.6	100.0	5.3	20.0	---	Million Cubic Feet Burned	
1-02-006-04	Cogeneration	3.0	3.0	0.6	275.0	1.4	40.0	---	Million Cubic Feet Burned	
Process Gas - 1000-3999 (c)										
1-02-007-01	Petroleum Refinery Gas	3.0	3.0	950.0 S	140.0	2.8	35.0	---	Million Cubic Feet Burned	
1-02-007-04	Blast Furnace Gas	2.9	2.9	950.0 S	23.0	0.0 (c)	13.7 (c)	---	Million Cubic Feet Burned	
1-02-007-07	Coke Oven Gas	6.2	4.35	680.0 S	80.0	1.2 (c)	18.4 (c)	---	Million Cubic Feet	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Process Gas - 1000-3999 (c)										
1-02-007-10	Cogeneration	---	---	950.0 S	---	2.8	---	---	Burned Million Cubic Feet	
1-02-007-99	Other: Specify in Comments	XXX	XXX	950.0 S	XXX	XXX	XXX	XXX	Burned Million Cubic Feet	
Coke - 1000-3999 (c)									Burned	
1-02-008-02	All Boiler Sizes	7.0 A	5.5 A	39.0 S	14.0	0.07	0.6	---	Tons Burned	
1-02-008-04	Cogeneration	7.0 A	5.5 A	39.0 S	14.0	0.07	0.6	---	Tons Burned	
Wood/Bark Waste - 1000-3999										
1-02-009-01	Bark-Fired Boiler (> 50,000 LB Steam)	47.0	16.8	0.15	2.8	1.4	4.0	---	Tons Burned	
1-02-009-02	Wood/Bark-Fired Boiler (> 50,000 LB STM)	7.2	6.48	0.15	2.8	1.4	4.0	---	Tons Burned	
1-02-009-03	Wood-Fired Boiler (> 50,000 LB STM)	8.8	7.9	0.15	2.8	1.4	4.0	---	Tons Burned	
1-02-009-04	Bark-Fired Boiler (< 50,000 LB Steam)	47.0	16.8	0.15	0.68	1.4	4.0	---	Tons Burned	
1-02-009-05	Wood/Bark-Fired Boiler (< 50,000 LB STM)	7.2	6.48	0.15	0.68	1.4	4.0	---	Tons Burned	
1-02-009-06	Wood-Fired Boiler (< 50,000 LB Steam)	8.8	7.9	0.15	0.68	1.4	4.0	---	Tons Burned	
1-02-009-07	Wood Cogeneration	7.2	6.48	0.15	2.8	1.4	4.0	---	Tons Burned	
Liquified Petroleum Gas (LPG) - 1000-3999										
1-02-010-01	Butane	0.28	0.28	86.5 S,(c)	13.2	0.26	3.3	---	1000 Gallons Burned	
1-02-010-02	Propane	0.26	0.26	86.5 S,(c)	12.4	0.25	3.1	---	1000 Gallons Burned	
Bagasse - 1000-3999										
1-02-011-01	All Boiler Sizes	16.0	5.6	0.0	1.2	2.0	2.0	---	Tons Burned	
Solid Waste - 1000-3999										
1-02-012-01	Specify Waste	---	---	1.6	5.9	2.0	---	---	Tons Burned	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Solid Waste - 1000-3999										
1-02-012-02	Material in Comments - Refuse Derived Fuel	---	44.0	---	---	---	---	---	Tons Burned	
Liquid Waste - 1000-3999										
1-02-013-01	Specify Waste Material in Comments - Waste Oil	---	---	28.0	23.0	1.0	---	---	1000 Gallons Burned	
		61.0 A	51.0 A	147.0 S	20.0	1.0	5.0	1.68(d)	1000 Gallons Burned	
CO Boiler - 1000-3999										
1-02-014-01	Natural Gas	3.0	3.0	0.6	140.0	2.8	35.0	---	Million Cubic Feet Burned	
1-02-014-02	Process Gas	3.0	3.0	950.0 S	140.0	2.8	35.0	---	Million Cubic Feet Burned	
1-02-014-03	Distillate Oil	2.0	1.0	143.6 S	20.0	0.2	5.0	---	1000 Gallons Burned	
1-02-014-04	Residual Oil	12.0 S	9.0 S	158.6 S	55.0	0.28	5.0	---	1000 Gallons Burned	
EXTERNAL COMBUSTION BOILERS - COMMERCIAL/INSTITUTIONAL (a)										
Anthracite Coal - 4000-4899, 4920-9999										
1-03-001-01	Pulverized Coal	10.0 A	2.3 A	39.0 S	18.0	0.07	0.6	0.0133	Tons Burned	
1-03-001-02	Traveling Grate (Overfeed) Stoker	9.1	4.8	39.0 S	10.0	0.07	0.6	0.0133	Tons Burned	
1-03-001-03	Hand-Fired	10.0	5.2	39.0 S	3.0	10.0	90.0	0.0133	Tons Burned	
Bituminous Coal - 4000-4899, 4920-9999										
1-03-002-05	Pulverized Coal: Wet Bottom	7.0 A	2.6 A	39.0 S	34.0	0.07	0.6	0.0133	Tons Burned	
1-03-002-06	Pulverized Coal: Dry Bottom	10.0 A	2.3 A	39.0 S	21.0	0.07	0.6	0.0133	Tons Burned	
1-03-002-07	Overfeed Stoker	16.0	6.0	39.0 S	7.5	0.07	6.0	0.0133	Tons Burned	
1-03-002-08	Underfeed Stoker	15.0	6.2	31.0 S	9.5	1.3	11.0	0.0133	Tons Burned	
1-03-002-09	Spreader Stoker	60.0	12.0	39.0 S	14.0	0.07	5.0	0.0133	Tons Burned	
1-03-002-14	Hand-Fired	15.0	7.8	31.0 S	3.0	10.0	90.0	0.0133	Tons Burned	
1-03-002-16	Pulverized Coal: Dry Bottom (Tangential)	10.0 A	2.3 A	39.0 S	15.0	0.07	0.6	---	Tons Burned	
1-03-002-17	Atmospheric	---	---	14.0	13.0	0.07	---	---	Tons Burned	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Bituminous Coal - 4000-4899, 4920-9999										
	Fluidized Bed Combustion									
Subbituminous Coal - 4000-4899, 4920-9999										
1-03-002-21	Pulverized Coal: Wet Bottom	7.0 A	2.6 A	35.0 S	34.0	0.07	0.6	0.0133	Tons Burned	
1-03-002-22	Pulverized Coal: Dry Bottom	10.0 A	2.3 A	35.0 S	21.0	0.07	0.6	0.0133	Tons Burned	
1-03-002-23	Cyclone Furnace	2.0 A	0.26 A	35.0 S	37.0	0.07	0.6	0.0133	Tons Burned	
1-03-002-24	Spreader Stoker	60.0	12.0	35.0 S	14.0	0.07	5.0	0.0133	Tons Burned	
1-03-002-25	Traveling Grate (Overfeed) Stoker	16.0	6.0	35.0 S	7.5	0.07	6.0	0.0133	Tons Burned	
1-03-002-26	Pulverized Coal: Dry Bottom (Tangential)	10.0 A	2.3 A	35.0 S	15.0	0.07	0.6	---	Tons Burned	
Lignite - 4000-4899, 4920-9999										
1-03-003-05	Pulverized Coal	6.3 A	2.18 A	30.0 S	14.0	0.07	0.6	0.0133	Tons Burned	
1-03-003-06	Pulverized Coal: Tangential Firing	6.3 A	2.18 A	30.0 S	8.0	0.07	0.6	0.0133	Tons Burned	
1-03-003-07	Traveling Grate (Overfeed) Stoker	2.9 A	1.07 A	30.0 S	6.0	0.07	6.0	0.0133	Tons Burned	
1-03-003-09	Spreader Stoker	6.8 A	1.36 A	30.0 S	6.0	0.07	5.0	0.0133	Tons Burned	
Residual Oil - 4000-4899, 4920-9999										
1-03-004-01	Grade 6 Oil	12.0 S,(b)	7.8 S	158.6 S	55.0	1.13	5.0	0.0042	1000 Gallons Burned	
1-03-004-04	Grade 5 Oil	10.0 (b)	6.5	158.6 S	55.0	1.13	5.0	0.0042	1000 Gallons Burned	
Distillate Oil - 4000-4899, 4920-9999										
1-03-005-01	Grades 1 and 2 Oil	2.0	1.08	143.6 S	20.0	0.34	5.0	0.0004	1000 Gallons Burned	
1-03-005-04	Grade 4 Oil	7.0	4.5	150.0 S	20.0	0.34	5.0	0.0004	1000 Gallons Burned	
Natural Gas - 4000-4899, 4920-9999										
1-03-006-01	Over 100 MMBtu/Hr	3.0	3.0	0.6	550.0	1.4	40.0	---	Million Cubic Feet Burned	
1-03-006-02	10-100 MMBtu/Hr	3.0	3.0	0.6	140.0	2.8	35.0	---	Million Cubic Feet Burned	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Natural Gas - 4000-4899, 4920-9999										
1-03-006-03	Less Than 10 MMBtu/Hr	3.0	3.0	0.6	100.0	5.3	20.0	---	Million Cubic Feet Burned	
Process Gas - 4000-4899, 4920-9999										
1-03-007-01	Sewage Gas	---	---	4.5	---	3.0	---	---	Million Cubic Feet Burned	
1-03-007-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Million Cubic Feet Burned	
Wood/Bark Waste - 4000-4899, 4920-9999										
1-03-009-01	Bark-Fired Boiler	47.0	16.8	0.15	0.68	1.4	4.0	---	Tons Burned	
1-03-009-02	Wood/Bark Fired Boiler	7.2	6.5	0.15	0.68	1.4	4.0	---	Tons Burned	
1-03-009-03	Wood-Fired Boiler	8.8	7.9	0.15	0.68	1.4	4.0	---	Tons Burned	
Liquified Petroleum Gas (LPG) - 4000-4899, 4920-9999										
1-03-010-01	Butane	0.28	0.28	86.5 S,(c)	9.4	0.5	1.9	---	1000 Gallons Burned	
1-03-010-02	Propane	0.26	0.26	86.5 S,(c)	8.8	0.47	1.8	---	1000 Gallons Burned	
Solid Waste - 4000-4899, 4920-9999										
1-03-012-01	Specify Waste Material in Comments	---	---	1.6	5.9	2.0	---	---	Tons Burned	
1-03-012-02	Refuse Derived Fuel	---	44.0	---	---	---	---	---	Tons Burned	
Liquid Waste - 4000-4899, 4920-9999										
1-03-013-01	Specify Waste Material in Comments	---	---	---	---	1.0	---	---	1000 Gallons Burned	
1-03-013-02	Waste Oil	61.0 A	51.0 A	147.0 S	20.0	1.0	5.0	1.68(d)	1000 Gallons Burned	
1-03-013-03	Sewage Grease Skimmings	---	---	---	---	---	---	---	1000 Gallons Burned	
EXTERNAL COMBUSTION BOILERS - SPACE HEATERS (a)										
Industrial - 1000-3999										
1-05-001-05	Distillate Oil	2.5	1.25	143.6 S	18.0	0.7	5.0	---	1000 Gallons Burned	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Industrial - 1000-3999										
1-05-001-06	Natural Gas	3.0	3.0	0.6	100.0	5.3	20.0	---	Million Cubic Feet Burned	
1-05-001-10	Liquified Petroleum Gas (LPG)	1.85	1.85	86.5 S	7.5	0.5	1.95	---	1000 Gallons Burned	
1-05-001-13	Waste Oil: Air Atomized Burner	64.0 A	57.0 A	147.0 S	20.0	1.0	5.0	2.04(d)	1000 Gallons Burned	
1-05-001-14	Waste Oil: Vaporizing Burner	2.4 A	---	147.0 S	20.0	1.0	5.0	0.02	1000 Gallons Burned	
Commercial-Institutional - 4000-4899, 4920-9999										
1-05-002-05	Distillate Oil	2.5	1.25	143.6 S	18.0	0.7	5.0	---	1000 Gallons Burned	
1-05-002-06	Natural Gas	3.0	3.0	0.6	100.0	5.3	20.0	---	Million Cubic Feet Burned	
1-05-002-09	Wood	25.0	25.0	0.5	1.0	1.7	150.0	---	Tons Burned	
1-05-002-10	Liquified Petroleum Gas (LPG)	1.85	1.85	86.5 S	7.5	0.5	1.95	---	1000 Gallons Burned	
1-05-002-13	Waste Oil: Air Atomized Burner	64.0 A	57.0 A	147.0 S	20.0	1.0	5.0	2.04(d)	1000 Gallons Burned	
1-05-002-14	Waste Oil: Vaporizing Burner	2.4 A	---	147.0 S	20.0	1.0	5.0	0.02	1000 Gallons Burned	

INTERNAL COMBUSTION ENGINES

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
INTERNAL COMBUSTION ENGINES										
INTERNAL COMBUSTION ENGINES - ELECTRIC GENERATION - SIC 4911										
Distillate Oil (Diesel) - 4911										
2-01-001-01	Turbine	5.0	4.8	140.0 S	67.8	4.77	15.4	---	1000 Gallons Burned	
2-01-001-02	Reciprocating	33.5	32.0	31.2	469.0	32.1	102.0	---	1000 Gallons Burned	
Natural Gas - 4911										
2-01-002-01	Turbine	14.0	14.0	0.6	413.0	12.6	115.0	---	Million Cubic Feet Burned	
2-01-002-02	Reciprocating	10.0	10.0	0.6	3400.0	82.9	430.0	---	Million Cubic Feet Burned	
Process Gas - 4911										
2-01-007-02	Reciprocating	---	---	---	---	83.0	---	---	Million Cubic Feet Burned	
Landfill Gas - 4911										
2-01-008-01	Turbine	---	---	---	---	---	---	---	Million Cubic Feet Burned	
2-01-008-02	Reciprocating	---	---	---	---	---	---	---	Million Cubic Feet Burned	
Kerosene/Naphtha (Jet Fuel) - 4911										
2-01-009-01	Turbine	5.0	4.8	6.2	67.8	4.77	15.4	---	1000 Gallons Burned	
2-01-009-02	Reciprocating	33.5	32.0	6.2	469.0	32.1	102.0	---	1000 Gallons Burned	
Geysers/Geothermal - 4911										
2-01-010-01	Steam Turbine	---	---	---	---	0.0	---	---	Tons of Steam Produced	
INTERNAL COMBUSTION ENGINES - MISCELLANEOUS										
Flares - 4911										
2-01-900-99	Heavy Water	XXX	XXX	XXX	XXX	XXX	XXX	XXX	1000 Gallons Burned	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
INTERNAL COMBUSTION ENGINES - INDUSTRIAL										
Distillate Oil (Diesel) - 1000-3999										
2-02-001-01	Turbine	5.0	4.8	140.0 S	67.8	4.77	15.4	---	1000 Gallons Burned	
2-02-001-02	Reciprocating	33.5	32.0	31.2	469.0	32.1	102.0	---	1000 Gallons Burned	
2-02-001-03	Turbine: Cogeneration	5.0	4.8	140.0 S	67.8	4.77	15.4	---	1000 Gallons Burned	
2-02-001-04	Reciprocating: Cogeneration	33.5	32.0	31.2	469.0	32.1	102.0	---	1000 Gallons Burned	
Natural Gas - 1000-3999										
2-02-002-01	Turbine	14.0	14.0	0.6	300.0	6.9	120.0	---	Million Cubic Feet Burned	
2-02-002-02	Reciprocating	10.0	10.0	0.6	3400.0	82.9	430.0	---	Million Cubic Feet Burned	
2-02-002-03	Turbine: Cogeneration	14.0	14.0	0.6	413.0	12.6	115.0	---	Million Cubic Feet Burned	
2-02-002-04	Reciprocating: Cogeneration	10.0	10.0	0.6	3400.0	82.9	430.0	---	Million Cubic Feet Burned	
Gasoline - 1000-3999										
2-02-003-01	Reciprocating	6.47	6.2	5.31	102.0	147.7 (c)	3940.0	---	1000 Gallons Burned	
Large Bore Engine - 1000-3999										
2-02-004-01	Diesel	50.0	46.0	150.0 S,(c)	500.0	13.0	130.0	---	1000 Gallons Burned	
2-02-004-02	Dual Fuel (Oil/Gas)	2.2	2.0	0.7	18.0	1.5	5.9	---	1000 Horsepower-Hours	
2-02-004-03	Cogeneration: Dual Fuel	0.035	0.032	---	31.7	1.32	1.05	---	100,000 Brake Horsepower-Hours	
Residual/Crude Oil - 1000-3999										
2-02-005-01	Reciprocating	33.5	30.8 (c)	155.0 S,(c)	469.0	32.1	102.0	---	1000 Gallons Burned	
Kerosene/Naphtha (Jet Fuel) - 1000-3999										
2-02-009-01	Turbine	5.0	4.8	6.2 (c)	67.8	4.77	15.4	---	1000 Gallons Burned	
2-02-009-02	Reciprocating	33.5	32.0	6.2 (c)	469.0	32.1	102.0	---	1000 Gallons Burned	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Liquified Petroleum Gas (LPG) - 1000-3999 (c)										
2-02-010-01	Propane: Reciprocating	5.0	5.0	0.35	139.0	83.0	129.0	---	1000 Gallons Burned	
2-02-010-02	Butane: Reciprocating	5.0	5.0	0.35	139.0	83.0	129.0	---	1000 Gallons Burned	
INTERNAL COMBUSTION ENGINES - COMMERCIAL/INSTITUTIONAL										
Distillate Oil (Diesel) - 4000-4899, 4920-9999										
2-03-001-01	Reciprocating	33.5	32.0	31.2	469.0	32.1	102.0	---	1000 Gallons Burned	
2-03-001-02	Turbine	5.0	4.8	140.0 S	67.8	4.77	15.4	---	1000 Gallons Burned	
Natural Gas - 4000-4899, 4920-9999										
2-03-002-01	Reciprocating	10.0 (c)	10.0	0.6	3400.0	82.9	430.0	---	Million Cubic Feet Burned	
2-03-002-02	Turbine	14.0	14.0	0.6	413.0	12.6	115.0	---	Million Cubic Feet Burned	
2-03-002-03	Turbine: Cogeneration	---	---	---	---	---	---	---	Million Cubic Feet Burned	
2-03-002-04	Cogeneration	---	---	---	---	---	---	---	Million Cubic Feet Burned	
Gasoline - 4000-4899, 4920-9999										
2-03-003-01	Reciprocating	6.47	6.2	5.31	102.0	147.7	3940.0	---	1000 Gallons Burned	
Liquified Petroleum Gas (LPG) - 4000-4899, 4920-9999 (c)										
2-03-010-01	Propane: Reciprocating	5.0	5.0	0.35	139.0	83.0	129.0	---	1000 Gallons Burned	
2-03-010-02	Butane: Reciprocating	5.0	5.0	0.35	139.0	83.0	129.0	---	1000 Gallons Burned	
INTERNAL COMBUSTION ENGINES - ENGINE TESTING										
Aircraft - 3500-3599, 3700-3799										
2-04-001-01	Turbojet	11.8	11.3	13.0	14.6	46.0	32.7	---	1000 Gallons Burned	
2-04-001-02	Turboshaft	11.8	11.3	13.0	14.6	46.0	32.7	---	1000 Gallons Burned	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Aircraft - 3500-3599, 3700-3799										
2-04-001-10	Jet A Fuel	---	---	---	---	---	---	---	1000 Gallons Burned	
2-04-001-11	JP-5 Fuel	---	---	---	---	---	---	---	1000 Gallons Burned	
2-04-001-12	JP-4 Fuel	---	---	---	---	---	---	---	1000 Gallons Burned	
Rocket Motor - 3500-3599, 3700-3799										
2-04-002-02	Liquid Propellant	---	---	---	---	---	---	---	Tons of Fuel Consumed	
Turbine - 3500-3599, 3700-3799		(c)								
2-04-003-01	Natural Gas	14.0	14.0	0.6	300.0	6.9	120.0	---	Million Cubic Feet Burned	
2-04-003-02	Diesel/Kerosene	5.0	4.8	6.2	67.8	4.77	15.4	---	1000 Gallons Burned	
Reciprocating - 3500-3599, 3700-3799		(c)								
2-04-004-01	Gasoline	6.47	6.2	5.31	102.0	148.0	3940.0	---	1000 Gallons Burned	
2-04-004-02	Diesel/Kerosene	33.5	32.0	31.2	469.0	32.1	102.0	---	1000 Gallons Burned	
INTERNAL COMBUSTION ENGINES - FUGITIVE EMISSIONS										
Other Not Classified - 1000-9999										
2-88-888-01	Specify in Comments	---	---	---	---	---	---	---	1000 Gallons Burned	
2-88-888-02	Specify in Comments	---	---	---	---	---	---	---	Million Cubic Feet Burned	
2-88-888-03	Specify in Comments	---	---	---	---	---	---	---	1000 Horsepower-Hours	

MANUFACTURING INDUSTRIES

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
CHEMICAL MANUFACTURING - MAJOR GROUP 28										
Adipic Acid - 2869										
3-01-001-01	General	0.9	0.037	0.0	53.6	42.7	115.0	---	Tons of Product	
3-01-001-02	Raw Material Storage	0.0	0.0	0.0	0.0	2.2	0.0	---	Tons of Product	
3-01-001-03	Cyclohexane Oxidation	0.0	0.0	0.0	0.0	40.0	115.0	---	Tons of Product	
3-01-001-04	Nitric Acid Reaction	0.0	0.0	0.0	53.0	0.0	0.0	---	Tons of Product	
3-01-001-05	Adipic Acid Refining	0.1	0.004	0.0	0.6	0.5	0.0	---	Tons of Product	
3-01-001-06	Drying, Loading, and Storage	0.8	0.032	0.0	0.0	0.0	0.0	---	Tons of Product	
3-01-001-07	Absorber	---	---	---	9.5	0.4	---	---	Tons of Product	
3-01-001-08	Dryer	---	---	---	---	0.0	---	---	Tons of Product	
3-01-001-09	Cooler	---	---	---	---	0.0	---	---	Tons of Product	
3-01-001-80	Fugitive Emissions: General	---	---	---	---	62000.0	---	---	Process Unit-Year	
3-01-001-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Ammonia Production - 2873										
3-01-003-05	Feedstock Desulfurization	---	---	0.019	---	7.2	13.8	---	Tons of Ammonia Produced	
3-01-003-06	Primary Reformer: Natural Gas Fired	0.144	0.144	0.0048	5.4	0.012	0.136	---	Tons of Ammonia Produced	
3-01-003-07	Primary Reformer: Oil Fired	0.9	0.86	2.6	5.4	0.38	0.24	---	Tons of Ammonia Produced	
3-01-003-08	Carbon Dioxide Regenerator	0.0	0.0	0.0	0.0	1.04	2.0	---	Tons of Ammonia Produced	
3-01-003-09	Condensate Stripper	0.0	0.0	0.0	0.0	1.2	---	---	Tons of Ammonia Produced	
3-01-003-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons of Ammonia Produced	
Carbon Black Production - 2895										
3-01-005-01	Channel Process	2300.0	---	0.0	0.0	8943.29	33500.0	---	Tons Produced	
3-01-005-02	Thermal Process	0.0	0.0	0.0	0.0	0.0	0.0	---	Tons Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Carbon Black Production - 2895										
3-01-005-03	Gas Furnace Process: Main Process Vent	3.2	3.2	0.0	0.0	1400.0	5300.0	---	Tons Produced	
3-01-005-04	Oil Furnace Process: Main Process Vent	6.53	6.53	---	0.56	100.0	2800.0	---	Tons Produced	
3-01-005-06	Transport Air Vent	0.58	0.58	0.0	0.0	0.0	0.0	---	Tons Produced	
3-01-005-07	Pellet Dryer	0.45	0.45	0.1	0.73	0.3	---	---	Tons Produced	
3-01-005-08	Bagging/Loading	0.06	0.06	0.0	0.0	0.0	0.0	---	Tons Produced	
3-01-005-09	Furnace Process: Fugitive Emissions	0.2	0.2	0.0	0.0	0.0	0.0	---	Tons Produced	
3-01-005-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Product	
Charcoal Manufacture - 2861										
3-01-006-01	General	266.0	250.0	---	24.0	314.0	344.0	---	Tons Produced	
3-01-006-03	Batch Kiln	266.0	255.4	---	24.0	314.0	344.0	---	Tons Produced	
3-01-006-04	Continuous Furnace	266.0	255.4	---	24.0	314.0	344.0	---	Tons Produced	
3-01-006-05	Briquetting	56.0	24.1	0.0	0.0	0.0	0.0	---	Tons Produced	
3-01-006-99	Other Not Classified	XXX	XXX	XXX	XXX	0.35	XXX	XXX	Tons Product	
Chloro-Alkali Production - 2812										
3-01-008-01	Liquefaction (Diaphragm Cell Process)	---	---	0.0	---	0.0	---	---	100 Tons Chlorine Liquified	
3-01-008-02	Liquefaction (Mercury Cell Process)	---	---	0.0	---	0.0	---	---	100 Tons Chlorine Liquified	
3-01-008-03	Chlorine Loading: Tank Car Vent	0.0	0.0	0.0	0.0	0.0	0.0	---	100 Tons Chlorine Liquified	
3-01-008-04	Chlorine Loading: Storage Car Vent	0.0	0.0	0.0	0.0	0.0	0.0	---	100 Tons Chlorine Liquified	
3-01-008-05	Air Blowing of Mercury Cell Brine	0.0	0.0	0.0	0.0	0.0	0.0	---	100 Tons Chlorine Liquified	
3-01-008-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	100 Tons Chlorine Liquified	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Cleaning Chemicals - 2841, 2842										
3-01-009-01	Spray Drying: Soaps and Detergents	90.0	60.0	---	---	0.06	---	---	Tons Produced	
3-01-009-02	Speciality Cleaners	---	---	---	---	1500.0	---	---	Tons Product	
3-01-009-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Explosives - Trinitrotoluene - 2892										
3-01-010-11	Batch Process: Nitration Reactors Fume Recovery	---	---	---	25.0	0.0	---	---	Tons Produced	
3-01-010-12	Batch Process: Nitration Reactors Acid Recovery	---	---	---	55.0	0.0	---	---	Tons Produced	
3-01-010-13	Batch Process: Nitric Acid Concentrators	---	---	---	37.0	0.0	---	---	Tons Produced	
3-01-010-14	Batch Process: Sulfuric Acid Concentrators	---	---	14.0	40.0	0.0	---	---	Tons Produced	
3-01-010-15	Batch Process: Red Water Incinerator	25.0	23.5	2.0	26.0	1.1	---	---	Tons Produced	
3-01-010-21	Continuous Process: Nitration Reactor Fume Recover	---	---	---	8.0	0.0	---	---	Tons Produced	
3-01-010-22	Continuous Process: Nitration Reactor Acid Recover	---	---	---	3.0	0.0	---	---	Tons Produced	
3-01-010-23	Continuous Process: Red Water Incinerator	0.25	0.24	0.24	7.0	1.1	---	---	Tons Produced	
3-01-010-30	Open Burning: Waste	180.0	---	---	150.0	1.1	56.0	---	Tons TNT Burned	
3-01-010-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Hydrochloric Acid - 2819										
3-01-011-01	Rotary Kiln	---	---	0.0	0.0	0.0	---	---	Tons Final Acid	
3-01-011-98	Handling and Storage	---	---	---	---	---	---	---	1000 Gallons Acid	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Hydrochloric Acid - 2819										
	(99.9% Removal)									
3-01-011-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Final Acid	
Hydrofluoric Acid - 2819										
3-01-012-02	Rotary Kiln: Acid Reactor	0.0	0.0	2.7	0.07	0.02	---	---	Tons Acid	
3-01-012-03	Fluorspar Grinding/Drying	75.0	38.2	0.0	0.15	0.0	---	---	Tons Fluorspar	
3-01-012-04	Fluorspar Handling Silos	60.0	30.6	0.0	0.0	0.0	0.0	---	Tons Fluorspar	
3-01-012-05	Fluorspar Transfer	6.0	3.1	0.0	0.0	0.0	0.0	---	Tons Fluorspar	
3-01-012-06	Tail Gas Vent	---	---	45.0	---	---	---	---	Tons Acid	
3-01-012-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Acid	
Nitric Acid - 2873										
3-01-013-01	Absorber Tail Gas (Pre-1970 Facilities)	---	---	0.0	43.0	0.0	---	---	Tons Pure Acid Produced	
3-01-013-02	Absorber Tail Gas (Post-1970 Facilities)	---	---	0.0	1.8	0.0	---	---	Tons Pure Acid Produced	
3-01-013-03	Nitric Acid Concentrators (Pre-1970)	---	---	0.0	10.0	0.0	---	---	Tons Pure Acid Produced	
3-01-013-04	Nitric Acid Concentrators (Post-1970)	---	---	0.0	10.0	0.0	---	---	Tons Pure Acid Produced	
3-01-013-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Pure Acid Produced	
Paint Manufacture - 2851 (e)										
3-01-014-01	General Mixing and Handling	5.5 (c)	4.7	0.0	0.0	30.0	0.0	---	Tons Paint Produced	
3-01-014-02	Pigment Handling	20.0	17.0	0.0	0.0	0.0	0.0	---	Tons Pigment Processed	
3-01-014-03	Solvent Loss:	---	---	---	---	---	---	---	Tons of Solvent Lost	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Paint Manufacture - 2851 (e)										
	General									
3-01-014-04	Raw Material Storage	---	---	---	---	---	---	---	1000 Gallons Stored	
3-01-014-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Product	
Varnish Manufacturing - 2851										
3-01-015-01	Bodying Oil	---	---	0.0	0.0	40.0	---	---	Tons Produced	
3-01-015-02	Oleoresinous	---	---	0.0	0.0	150.0	---	---	Tons Produced	
3-01-015-03	Alkyd	---	---	0.0	0.0	160.0	---	---	Tons Produced	
3-01-015-05	Acrylic	---	---	0.0	0.0	20.0	---	---	Tons Produced	
3-01-015-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Phosphoric Acid: Wet Process - 2874										
3-01-016-01	Reactor	0.0	0.0	0.0	0.0	0.0	---	---	Tons Phosphate Rock	
3-01-016-02	Gypsum Pond	0.0	0.0	0.0	---	0.0	---	---	Tons Phosphate Rock	
3-01-016-03	Condensor	0.0	0.0	0.0	---	0.0	---	---	Tons Phosphate Rock	
3-01-016-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Phosphoric Acid: Thermal Process - 2874										
3-01-017-02	Absorber: General	---	---	0.0	0.0	0.0	---	---	Tons Phosphorous Burned	
3-01-017-03	Absorber w/ Packed Tower	2.14	2.14	0.0	0.0	0.0	---	---	Tons of P205	
3-01-017-04	Absorber w/ Venturi Scrubber	2.53	2.53	0.0	0.0	0.0	---	---	Tons of P205	
3-01-017-05	Absorber w/ Glass Mist Eliminator	0.69	0.69	0.0	0.0	0.0	---	---	Tons of P205	
3-01-017-06	Absorber w/ Wire Mist Eliminator	5.46	5.46	0.0	0.0	0.0	---	---	Tons of P205	
3-01-017-07	Absorber w/ High-pressure Mist Eliminator	0.11	0.11	0.0	0.0	0.0	---	---	Tons of P205	
3-01-017-08	Absorber w/ ESP	1.66	1.66	0.0	0.0	0.0	---	---	Tons of P205	
3-01-017-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Plastics Production - Specific Products - 2821 (f)										
3-01-018-01	Polyvinyl Chlorides	35.0	23.0	0.025	200.0	17.0	---	---	Tons Product	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Plastics Production - Specific Products - 2821 (1)										
	and Copolymers: General									
3-01-018-02 -	Polypropylene and Copolymers: General	3.0	2.0	---	131.0	0.7	---	---	Tons Product	
3-01-018-03 -	Ethylene-Propylene Copolymers: General	---	---	---	---	---	---	---	Tons Product	
3-01-018-05 -	Phenolic Resins: General	---	---	---	---	14.6	---	---	Tons Product	
3-01-018-07 -	Polyethylene (High density):General	---	---	---	---	36.0	---	---	Tons Product	
3-01-018-08 -	Monomer and Solvent Storage	---	---	0.0	0.0	25.4	---	---	Tons Product	
3-01-018-09 -	Extruder	---	---	0.0	0.0	11.0	---	---	Tons Product	
3-01-018-10 -	Conveying	---	---	0.0	0.0	0.46	---	---	Tons Product	
3-01-018-11 -	Storage	---	---	0.0	0.0	0.01	---	---	Tons Product	
3-01-018-12 -	Polyethylene (Low Density):General	---	---	---	---	7.7	---	---	Tons Product	
3-01-018-13 -	Recovery and Purification System	---	---	0.0	0.0	60.0	---	---	Tons Product	
3-01-018-14 -	Extruder	---	---	0.0	0.0	60.0	---	---	Tons Product	
3-01-018-15 -	Pellet Silo	---	---	0.0	0.0	0.0	---	---	Tons Product	
3-01-018-16 -	Transfering/Handling /Loading/Packing	---	---	0.0	0.0	0.0	---	---	Tons Product	
3-01-018-17 -	Polystyrene: General	---	---	---	---	11.1	---	---	Tons Product	
3-01-018-18 -	Reactor	---	---	---	---	0.0	---	---	Tons Product	
3-01-018-19 -	Solvent Recovery	---	---	0.0	0.0	1.6	---	---	Tons Product	
3-01-018-20 -	Polymer Drying	---	---	---	---	0.0	---	---	Tons Product	
3-01-018-21 -	Extruding/ Pelletizing/ Conveying/Storage	---	---	0.0	0.0	0.0	---	---	Tons Product	
3-01-018-22 -	Acrylic Resins: General	---	---	---	---	1.2	---	---	Tons Product	
3-01-018-27 -	Polyamide Resins: General	---	---	---	1.0	1.6	---	---	Tons Product	
3-01-018-32 -	Urea-Formaldehyde Resins: General	---	---	---	---	20.0	---	---	Tons Product	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Plastics Production - Specific Products - 2821 (f)										
3-01-018-37	Polyester Resins: General	---	---	---	---	0.5	---	---	Tons Product	
3-01-018-38	Polyester/Alkyd Resins: Reactor Kettle	---	---	0.0	0.0	4.8	0.0	---	Tons of Polyester/Alkyd Resin Produced	
3-01-018-39	Polyester/Alkyd Resins: Resin Thinning Tank	0.0	0.0	0.0	0.0	6.7	0.0	---	Tons Thinning Solvent Used	
3-01-018-40	Polyester/Alkyd Resins: Resin Storage Tank	0.0	0.0	0.0	0.0	11.1	0.0	---	1000 Gallons Thinned-Resin Stored	
3-01-018-42	Melamine Resins: General	---	---	---	---	50.0	---	---	Tons Product	
3-01-018-47	Epoxy Resins: General	---	---	---	---	6.8	---	---	Tons Product	
3-01-018-49	Acrylonitrile-Butadiene-Styrene (ABS) Resin	---	---	---	---	60.0	---	---	Tons Produced	
3-01-018-52	Polyfluorocarbons: General	---	---	---	---	---	---	---	Tons Product	
Polyethylene - 2821 (f)										
3-01-018-60	Recovery System	---	---	---	---	40.0	---	---	Tons Product	
3-01-018-61	Purification System	---	---	---	---	30.0	---	---	Tons Product	
3-01-018-63	Extruder	---	---	0.0	0.0	30.0	---	---	Tons Product	
3-01-018-64	Pellet Silo/Storage	---	---	0.0	0.0	0.0	---	---	Tons Product	
3-01-018-65	Transfering / Conveying	---	---	0.0	0.0	0.0	---	---	Tons Product	
3-01-018-66	Packing/Shipping	---	---	0.0	0.0	0.0	---	---	Tons Product	
Polyether Resins - 2821 (f)										
3-01-018-70	Reactor	---	---	---	---	50.0	---	---	Tons Product	
3-01-018-71	Blowing Agent: Freon	---	---	---	---	0.0	---	---	Tons Product	
3-01-018-72	Miscellaneous	---	---	---	---	---	---	---	Tons Product	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Polyurethane - 2821 (f)										
3-01-018-80	Reactor	---	---	---	---	52.0	---	---	Tons Product	
3-01-018-81	Blowing Agent: Freon	---	---	---	---	0.0	---	---	Tons Agent Used	
3-01-018-82	Blowing Agent: Methylene Chloride	---	---	---	---	0.0	---	---	Tons Agent Used	
3-01-018-83	Transfering/ Conveying/ Storage	---	---	0.0	0.0	0.0	---	---	Tons Product	
3-01-018-84	Packing/Shipping	---	---	0.0	0.0	0.0	---	---	Tons Product	
3-01-018-85	Other Not Classified	---	---	---	---	---	---	---	Tons Product	
Plastics Production - General Processes - 2821 (f)										
3-01-018-90	Catalyst Preparation	---	---	---	---	0.47	---	---	Tons Product	
3-01-018-91	Reactor Vents	---	---	---	---	0.4	---	---	Tons Product	
3-01-018-92	Separation Processes	---	---	---	---	2.0	---	---	Tons Product	
3-01-018-93	Raw Material Storage	---	---	0.0	0.0	0.034	---	---	Tons Raw Material	
3-01-018-94	Solvent Storage	---	---	0.0	0.0	0.018	---	---	Tons Solvent	
3-01-018-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Product	
Phthalic Anhydride - 2865										
3-01-019-01	o-Xylene Oxidation: Main Process Stream	138.0	130.0	9.4	0.0	0.0	301.0	---	Tons Produced	
3-01-019-02	o-Xylene Oxidation: Pre-Treatment	13.0	12.2	0.0	0.0	0.0	0.0	---	Tons Produced	
3-01-019-04	o-Xylene Oxidation: Distillation	89.0	83.7	0.0	0.0	2.4	0.0	---	Tons Produced	
3-01-019-05	Naphthalene Oxidation: Main Process Stream	56.0	52.6	0.0	0.0	0.0	100.0	---	Tons Produced	
3-01-019-06	Naphthalene Oxidation: Pre-Treatment	5.0	4.7	0.0	0.0	0.0	0.0	---	Tons Produced	
3-01-019-07	Naphthalene Oxidation: Distillation	38.0	35.7	0.0	0.0	10.0	0.0	---	Tons Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Printing Ink Manufacture - 2893										
3-01-020-01	Vehicle Cooking: General	0.0	0.0	---	---	120.0	---	---	Tons Produced	
3-01-020-02	Vehicle Cooking: Oils	0.0	0.0	---	---	40.0	---	---	Tons Produced	
3-01-020-03	Vehicle Cooking: Oleoresin	0.0	0.0	---	---	150.0	---	---	Tons Produced	
3-01-020-04	Vehicle Cooking: Alkyds	0.0	0.0	---	---	160.0	---	---	Tons Produced	
3-01-020-05	Pigment Mixing	2.0	---	---	---	6.2	---	---	Tons Pigment	
3-01-020-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Sodium Carbonate - 2812										
3-01-021-01	Solvay Process: NH3 Recovery	0.0	0.0	---	---	0.0	---	---	Tons Produced	
3-01-021-02	Solvay Process: Handling	50.0	10.5	---	---	0.0	---	---	Tons Produced	
3-01-021-03	Trona Crushing/ Screening	---	---	0.0	0.0	0.0	---	---	Tons of Ore Processed	
3-01-021-04	Calciner: Gas-Fired	368.0	24.6	0.0	---	0.2	---	---	Tons of Ore Processed	
3-01-021-05	Calciner: Coal-Fired	390.0	37.0	0.01	2.45	0.07	---	---	Tons of Ore Processed	
3-01-021-06	Rotary Dryer: Gas Fired	84.0	17.6	0.0	---	0.0	---	---	Tons Product	
3-01-021-07	Fluid Bed Dryer: Indirect Fired	146.0	19.0	0.0	0.0	0.0	---	---	Tons Product	
3-01-021-08	Dissolver	---	---	0.0	0.0	0.0	---	---	Tons Product	
3-01-021-12	Rotary Pre-dryer	3.1	0.16	---	---	0.0	---	---	Tons of Dry NAHCO3 Feed	
3-01-021-13	Bleacher: Gas Fired	311.0	7.8	---	---	0.0	---	---	Tons of Dry Feed	
3-01-021-14	Rotary Dryer, Steam Tube	67.0	14.0	0.0	0.0	0.0	0.0	---	Tons Produced	
3-01-021-99	Other Not Classified	XXX	XXX	XXX	XXX	0.0	XXX	XXX	Tons Produced	
Sulfuric Acid - Chamber Process - 2819										
3-01-022-01	General	---	---	---	---	0.0	---	---	Tons of Pure Acid Produced	

SCC	Process Name		PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Sulfuric Acid - Contact Process - 2819											
3-01-023-01	Absorber/@ 99.9% Conversion	(g)	2.5	2.5	4.0	0.004	0.0	---	---	Tons 100% H2SO4	
3-01-023-04	Absorber/@ 99.5% Conversion	(g)	2.5	2.5	7.0	0.004	0.0	---	---	Tons 100% H2SO4	
3-01-023-06	Absorber/@ 99.0% Conversion	(g)	2.5	2.5	14.0	0.004	0.0	---	---	Tons 100% H2SO4	
3-01-023-08	Absorber/@ 98.0% Conversion	(g)	2.5	2.5	27.0	0.004	0.0	---	---	Tons 100% H2SO4	
3-01-023-10	Absorber/@ 97.0% Conversion	(g)	2.5	2.5	40.0	0.004	0.0	---	---	Tons 100% H2SO4	
3-01-023-12	Absorber/@ 96.0% Conversion	(g)	2.5	2.5	55.0	0.004	0.0	---	---	Tons 100% H2SO4	
3-01-023-14	Absorber/@ 95.0% Conversion	(g)	2.5	2.5	70.0	0.004	0.0	---	---	Tons 100% H2SO4	
3-01-023-16	Absorber/@ 94.0% Conversion	(g)	2.5	2.5	82.0	0.004	0.0	---	---	Tons 100% H2SO4	
3-01-023-18	Absorber/@ 93.0% Conversion	(g)	2.5	2.5	96.0	0.004	0.0	---	---	Tons 100% H2SO4	
3-01-023-19	Concentrator		---	---	---	---	0.0	---	---	Tons 100% H2SO4	
3-01-023-20	Tank Car and Truck Unloading		---	---	0.1	---	0.0	---	---	Tons 100% H2SO4 Loaded	
3-01-023-21	Storage Tank Vent		---	---	0.1	---	0.0	---	---	Tons 100% H2SO4 Stored	
3-01-023-22	Process Equipment Leaks		---	---	---	---	0.0	---	---	Tons 100% H2SO4	
3-01-023-99	Other Not Classified		XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Syn. Org. Fiber Mfg. - Specific Products - 2824											
3-01-024-01	Polyamide (e.g., Nylon)		---	---	0.0	0.0	7.0	---	---	Tons Fiber	
3-01-024-02	Polyesters (e.g., Dacron)		---	---	---	---	90.0	---	---	Tons Fiber	
3-01-024-05	Polyfluorocarbons (e.g., Teflon)		---	---	---	---	---	---	---	Tons Product	
3-01-024-10	Acrylics (e.g.,		---	---	---	---	90.0	---	---	Tons Product	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Syn. Org. Fiber Mfg. - Specific Products - 2824										
	Orlon)									
3-01-024-14 -	Polyolefins (e.g., Polypropylene)	---	---	---	---	73.0	---	---	Tons Product	
3-01-024-15 -	Vinyls (e.g., Saran)	---	---	---	---	---	---	---	Tons Product	
3-01-024-16 -	Aramid	---	---	---	---	7.0	---	---	Tons Product	
Syn. Org. Fiber Mfg. - General Processes - 2824										
3-01-024-21 -	Dope Preparation	---	---	---	0.0	10.0	---	---	Tons Product	
3-01-024-22 -	Filtration	---	---	---	0.0	6.0	---	---	Tons Product	
3-01-024-23 -	Fiber Extrusion	---	---	---	0.0	10.0	---	---	Tons Product	
3-01-024-24 -	Washing/ Drying/ Finishing	---	---	---	0.0	96.0	---	---	Tons Product	
3-01-024-25 -	Fiber Storage	---	---	0.0	0.0	0.0	---	---	Tons Product	
3-01-024-26 -	Equipment Cleanup	---	---	0.0	0.0	0.0	---	---	Tons Product	
3-01-024-27 -	Solvent Storage	---	---	0.0	0.0	34.0	---	---	Tons Solvent	
3-01-024-99 -	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Cellulosic Fiber Production - 2823										
3-01-025-01 -	Viscose (e.g., Rayon)	---	---	---	---	0.0	---	---	Tons Fiber	
3-01-025-05 -	Acetate	---	---	---	---	290.0	---	---	Tons Produced	
3-01-025-99 -	Other Not Calssified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Synthetic Rubber (Manufacturing Only) - 2822										
3-01-026-01 -	General	---	---	---	---	83.0	---	---	Tons Product	
3-01-026-02 -	Butyl (Isobutylene)	---	---	---	---	---	---	---	Tons Product	
3-01-026-08 -	Acrylonitrile	---	---	---	---	20.0	---	---	Tons Product	
3-01-026-09 -	Dryers	---	---	---	---	5.02	---	---	Tons Product	
3-01-026-10 -	Blowdown Tank	---	---	---	---	0.0	---	---	Tons Product	
3-01-026-11 -	Steam Stripper	---	---	---	---	0.0	---	---	Tons Product	
3-01-026-12 -	Pre-storage Tank	---	---	---	---	0.0	---	---	Tons Product	
3-01-026-13 -	Monomer Recovery: Absorber Vent	---	---	---	---	0.52	---	---	Tons Product	
3-01-026-14 -	Blending Tanks	---	---	---	---	0.84	---	---	Tons Product	
3-01-026-15 -	Isoprene	---	---	---	---	---	---	---	Tons Product	
3-01-026-16 -	Latex: Monomer	---	---	---	---	17.0	---	---	Tons Product	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Synthetic Rubber (Manufacturing Only) - 2822										
	Removal									
3-01-026-17 -	Latex: Blending Tank	---	---	---	---	0.2	---	---	Tons Product	
3-01-026-25 -	Chloroprene	---	---	---	---	---	---	---	Tons Product	
3-01-026-30 -	Silicone Rubber	---	---	---	---	---	---	---	Tons Product	
3-01-026-99 -	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Product	
Ammonium Nitrate Production - 2873										
3-01-027-04 -	Neutralizer	4.35	4.35	---	---	0.0	---	---	Tons Produced	
3-01-027-07 -	Rotary Drum Granulator	292.0	5.8	---	---	0.0	---	---	Tons Produced	
3-01-027-08 -	Pan Granulator	2.68	0.05	---	---	0.0	---	---	Tons Produced	
3-01-027-09 -	Bulk Loading (General)	0.02	---	---	---	0.0	---	---	Tons Produced	
3-01-027-10 -	Bagging of Product	0.19	---	---	---	0.0	---	---	Tons Produced	
3-01-027-11 -	Neutralizer: High Density	4.35	4.35	---	---	0.0	---	---	Tons Produced	
3-01-027-12 -	Prilling Tower: High Density	3.18	3.0	---	---	0.0	---	---	Tons Produced	
3-01-027-14 -	Prilling Cooler: High Density	1.6	0.01	---	---	0.0	---	---	Tons Produced	
3-01-027-17 -	Evaporator/ Concentrator: High Density	0.52	0.49	---	---	0.0	---	---	Tons Produced	
3-01-027-18 -	Coating: High Density	4.0	3.4	---	---	0.0	---	---	Tons Produced	
3-01-027-20 -	Solids Screening	---	---	---	---	0.0	---	---	Tons Produced	
3-01-027-21 -	Neutralizer: Low Density	4.35	4.35	---	---	0.0	---	---	Tons Produced	
3-01-027-22 -	Prilling Tower: Low Density	0.92	0.8	---	---	0.0	---	---	Tons Produced	
3-01-027-24 -	Prilling Cooler: Low Density	51.6	0.2	---	---	0.0	---	---	Tons Produced	
3-01-027-25 -	Prilling Dryer: Low Density	114.4	0.2	---	---	0.0	---	---	Tons Produced	
3-01-027-27 -	Evaporator/ Concentrator: Low	0.52	0.49	---	---	0.0	---	---	Tons Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Ammonium Nitrate Production - 2873										
	Density									
3-01-027-28	Coating: Low Density	4.0	3.4	---	---	0.0	---	---	Tons Produced	
3-01-027-29	Rotary Drum Granulator Coolers	16.2	0.5	---	---	0.0	---	---	Tons Produced	
3-01-027-30	Pan Granulator Coolers	36.6	0.5	---	---	0.0	---	---	Tons Produced	
Normal Superphosphate - 2874										
3-01-028-01	Grinding/Drying	9.0	4.6	---	---	---	---	---	Tons Produced	
3-01-028-03	Rock Unloading	0.56	0.29	0.0	0.0	0.0	0.0	---	Tons P205 Produced	
3-01-028-04	Rock Feeder System	0.11	0.06	0.0	0.0	0.0	0.0	---	Tons P205 Produced	
3-01-028-05	Mixer/Den	0.52	0.44	0.0	0.0	0.0	0.0	---	Tons P205 Produced	
3-01-028-06	Curing Building	7.2	6.1	0.0	0.0	0.0	0.0	---	Tons P205 Produced	
3-01-028-07	Bagging/Handling	---	---	0.0	0.0	0.0	0.0	---	Tons P205 Produced	
3-01-028-20	Mixing	---	---	---	---	---	---	---	Tons Fertilizer Produced	
3-01-028-21	Den	---	---	---	---	0.0	---	---	Tons Fertilizer Produced	
3-01-028-22	Curing	---	---	---	---	0.0	---	---	Tons Fertilizer Produced	
3-01-028-23	Ammoniator/ Granulator	---	---	---	---	0.0	---	---	Tons Fertilizer Granulated	
3-01-028-24	Dryer	---	---	---	---	0.0	---	---	Tons Fertilizer Granulated	
3-01-028-25	Cooler	---	---	---	---	0.0	---	---	Tons Fertilizer Granulated	
Triple Superphosphate - 2874										
3-01-029-03	Rock Unloading	0.16	0.08	0.0	0.0	0.0	0.0	---	Tons P205 Produced	
3-01-029-04	Rock Feeder System	0.03	0.02	0.0	0.0	0.0	0.0	---	Tons P205 Produced	
3-01-029-05	Run of Pile: Mixer/Den/Curing	0.03	0.02	0.0	0.0	0.0	0.0	---	Tons P205 Produced	
3-01-029-06	Granulator: Reactor/Dryer	0.1	0.08	---	---	0.0	---	---	Tons P205 Produced	
3-01-029-07	Granulator: Curing	0.2	0.17	0.0	0.0	0.0	0.0	---	Tons P205 Produced	
3-01-029-08	Bagging/Handling	---	---	0.0	0.0	0.0	0.0	---	Tons P205 Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Triple Superphosphate - 2874										
3-01-029-20	Mixing	---	---	---	---	0.0	---	---	Tons Fertilizer Produced	
3-01-029-21	Den	---	---	---	---	0.0	---	---	Tons Fertilizer Produced	
3-01-029-22	Curing	---	---	---	---	0.0	---	---	Tons Fertilizer Produced	
3-01-029-23	Ammoniator/ Granulator	---	---	---	---	0.0	---	---	Tons Fertilizer Granulated	
3-01-029-24	Dryer	---	---	---	---	0.0	---	---	Tons Fertilizer Granulated	
3-01-029-25	Cooler	---	---	---	---	0.0	---	---	Tons Fertilizer Granulated	
Ammonium Phosphates - 2874										
3-01-030-01	Dryers and Coolers	1.5	1.3	3.1	1.7	0.03	---	---	Tons P205 Produced	
3-01-030-02	Ammoniator/ Granulator	1.52	1.3	0.3	0.0	0.0	---	---	Tons P205 Produced	
3-01-030-03	Screening/Transfer	0.06	0.05	0.0	0.0	0.0	0.0	---	Tons P205 Produced	
3-01-030-04	Bagging/Handling	---	---	0.0	0.0	0.0	0.0	---	Tons P205 Produced	
3-01-030-20	Mixing	---	---	---	---	0.0	---	---	Tons Fertilizer Produced	
3-01-030-21	Den	---	---	0.0	0.0	0.0	---	---	Tons Fertilizer Produced	
3-01-030-22	Curing	---	---	---	---	0.0	---	---	Tons Fertilizer Produced	
3-01-030-23	Ammoniator/ Granulator	---	---	0.0	0.0	0.0	---	---	Tons Fertilizer Granulated	
3-01-030-24	Dryer	---	---	0.0	0.0	0.0	---	---	Tons Fertilizer Granulated	
3-01-030-25	Cooler	---	---	0.0	0.0	0.0	---	---	Tons Fertilizer Granulated	
3-01-030-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Terephthalic Acid/Dimethyl Terephthalate - 2869										
3-01-031-01	HNO3 - Paraxylene -	---	---	0.0	0.06	39.6	38.0	---	Tons Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Terephthalic Acid/Dimethyl Terephthalate - 2869										
	General									
3-01-031-02	Reactor Vent	---	---	0.0	0.0	30.0	34.0	---	Tons Produced	
3-01-031-03	Crystallization, Separation, and Drying Vent	---	---	0.0	0.0	3.8	0.0	---	Tons Produced	
3-01-031-04	Distillation and Recovery Vent	---	0.0	0.0	0.0	2.2	0.0	---	Tons Produced	
3-01-031-05	Product Transfer Vent	---	0.0	0.0	0.0	3.6	4.0	---	Tons Produced	
3-01-031-80	Fugitive Emissions	---	---	---	---	---	---	---	Process Unit-Year	
3-01-031-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Elemental Sulfur Production - 2819 *(h)*										
3-01-032-01	Mod. Claus: 2 Stage w/o Control (92-95% Removal)	---	---	280.0	0.35	3.0	---	---	Tons 100% Sulfur	
3-01-032-02	Mod. Claus: 3 Stage w/o Control (95-96% Removal)	---	---	189.0	0.1	2.1	---	---	Tons 100% Sulfur	
3-01-032-03	Mod. Claus: 4 Stage w/o Control (96-97% Removal)	---	---	145.0	0.1	2.1	---	---	Tons 100% Sulfur	
3-01-032-04	Sulfur Removal Process (99.9% Removal)	---	---	4.0	0.1	2.1	---	---	Tons 100% Sulfur	
3-01-032-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Product	
Pesticides - 2879										
3-01-033-01	Malathion	---	---	---	---	0.05	---	---	Gallons of Product	
3-01-033-11	Agricultural Pesticides: General	---	---	---	---	---	---	---	Gallons Stored	
3-01-033-12	Agricultural Pesticides: General	---	---	---	---	---	---	---	Pounds Stored	
3-01-033-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Aniline - 2869										
3-01-034-02	General	---	---	---	---	---	---	---	Tons Produced	
3-01-034-03	Reactor Cycle Purge Vent	---	---	---	---	0.2	---	---	Tons Product	
3-01-034-04	Dehydration Column Vent	---	---	---	---	0.2	---	---	Tons Product	
3-01-034-05	Purification Column Vent	---	---	---	---	0.2	---	---	Tons Product	
3-01-034-06	Fugitive Emissions	---	---	---	---	---	---	---	Process Unit-Year	
Ethanolamines - 2869										
3-01-034-10	General	---	---	---	---	---	---	---	Tons Produced	
3-01-034-11	Ammonia Scrubber Vent	---	---	---	---	0.0	---	---	Tons Product	
3-01-034-12	Vacuum Distillation: Jet Vent	---	---	---	---	0.0	---	---	Tons Product	
3-01-034-14	Fugitive Emissions	---	---	---	---	---	---	---	Process Unit-Year	
3-01-034-15	Ethylenediamine	---	---	---	---	0.4	---	---	Tons Produced	
3-01-034-20	Hexamethylenediamine	---	---	---	---	0.4	---	---	Tons Produced	
3-01-034-25	Hexamethylene-tetramine	---	---	---	---	0.4	---	---	Tons Produced	
3-01-034-30	Melamine	---	---	---	---	0.4	---	---	Tons Produced	
3-01-034-35	Methylamines	---	---	---	---	0.4	---	---	Tons Produced	
3-01-034-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Inorganic Pigments - 2816										
3-01-035-01	TiO2 Sulfate Process: Calciner	230.0	27.6	8.0	---	0.0	---	---	Tons Produced	
3-01-035-02	TiO2 Sulfate Process: Digestor	---	---	3.6	---	0.0	---	---	Tons Produced	
3-01-035-03	TiO2 Chloride Process: Reactor	---	---	---	---	0.0	220.0	---	Tons Produced	
3-01-035-06	Lead Oxide: Barton Pot	0.64	0.64	---	---	0.0	---	0.44	Tons Produced	
3-01-035-07	Lead Oxide: Calciner	15.0	15.0	---	---	0.0	---	14.0	Tons Produced	
3-01-035-10	Red Lead	1.0	1.0	---	---	0.0	---	0.9	Tons Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Inorganic Pigments - 2816										
3-01-035-15	White Lead	0.69	0.69	---	---	0.0	---	0.55	Tons Produced	
3-01-035-20	Lead Chromate	0.2	---	---	---	0.0	---	0.13	Tons Produced	
3-01-035-50	Ore Grinding	---	---	0.0	0.0	0.0	0.0	---	Tons Produced	
3-01-035-51	Ore Dryer	8.0	6.9	---	---	---	---	---	Tons Produced	
3-01-035-52	Pigment Milling	---	---	0.0	0.0	0.0	0.0	---	Tons Produced	
3-01-035-53	Pigment Dryer	---	---	---	---	---	---	---	Tons Produced	
3-01-035-54	Conveying/Storage/ Packing	---	---	0.0	0.0	0.0	0.0	---	Tons Produced	
3-01-035-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Sodium Bicarbonate - 2812										
3-01-038-01	General	---	---	---	---	---	---	---	Tons Product	
Hydrogen Cyanide - 2819										
3-01-039-01	Air Heater	---	---	---	---	14.0	---	---	Tons Product	
3-01-039-02	Ammonia Absorber	---	---	---	---	0.0	---	---	Tons Product	
3-01-039-03	HCN Absorber	---	---	---	---	0.0	---	---	Tons Product	
Urea Production - 2873										
3-01-040-01	General: Specify in Comments	---	---	---	---	0.0	---	---	Tons Product	
3-01-040-02	Solution Concentration (controlled)	0.0214	0.011	---	---	0.0	---	---	Tons Produced	
3-01-040-03	Prilling	3.8	3.57	---	---	0.0	---	---	Tons Produced	
3-01-040-04	Drum Granulation	241.0	4.82	---	---	0.009	---	---	Tons Produced	
3-01-040-05	Coating	4.0	3.4	---	---	0.0	---	---	Tons Produced	
3-01-040-06	Bagging	0.19	---	---	---	0.0	---	---	Tons Produced	
3-01-040-07	Bulk Loading	0.02	---	---	---	0.0	---	---	Tons Produced	
3-01-040-08	Non-Fluidized Bed Prilling (Agricultural Grade)	3.8	3.4	---	---	0.0	---	---	Tons Produced	
3-01-040-09	Non-Fluidized Bed Prilling (Feed Grade)	3.6	3.1	---	---	0.0	---	---	Tons Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Urea Production - 2873										
3-01-040-10	Fluidized Bed Prilling (Agricultural Grade)	6.2	3.7	---	---	0.02	---	---	Tons Produced	
3-01-040-11	Fluidized Bed Prilling (Feed Grade)	3.6	0.9	---	---	0.04	---	---	Tons Produced	
3-01-040-12	Rotary Drum Cooler	7.45	0.05	---	---	0.0	---	---	Tons Produced	
3-01-040-13	Solids Screening	---	---	---	---	0.0	---	---	Tons Produced	
Nitrocellulose - 2892										
3-01-041-01	Nitration Reactor	0.0	0.0	1.4	14.0	0.0	0.0	---	Tons Produced	
3-01-041-02	Sulfuric Acid Concentrators	0.0	0.0	68.0	0.0	0.0	0.0	---	Tons Produced	
3-01-041-03	Boiling Tube	0.0	0.0	0.0	2.0	0.0	0.0	---	Tons Produced	
3-01-041-04	Nitric Acid Concentrators	0.0	0.0	0.0	14.0	0.0	0.0	---	Tons Produced	
3-01-041-99	Other Not Classified	XXX	XXX	XXX	XXX	0.0	0.0	XXX	Tons Produced	
Lead Alkyl Mfg. - (Na/Pb Alloy Process) - 2869										
3-01-042-01	Recovery Furnace	59.3	59.3	0.0	2.67	0.0	---	55.0	Tons Produced	
3-01-042-02	Process Vents: Tetraethyl Lead	---	---	---	---	6.25	---	4.0	Tons Produced	
3-01-042-03	Process Vents: Tetramethyl Lead	---	---	0.0	0.0	193.5	---	150.0	Tons Produced	
3-01-042-04	Sludge Pits	1.9	---	---	---	---	---	1.2	Tons Produced	
Lead Alkyl Mfg. - (Electolytic Process) - 2869										
3-01-043-01	General: Electrolytic Proc	---	---	0.0	---	1.4	---	1.0	Tons Produced	
Organic Fertilizer - 2873										
3-01-045-01	General: Mixing/Handling	---	---	0.0	0.0	0.0	---	---	Tons Processed	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Pharmaceutical Preparations - 2834										
3-01-060-01	Vacuum Dryers	---	---	---	---	0.47	---	---	Hundreds of Pounds of Product	
3-01-060-02	Reactors	---	---	---	---	0.0	---	---	Hundreds of Pounds of Product	
3-01-060-03	Distillation Units	---	---	---	---	11.8	---	---	Hundreds of Pounds of Product	
3-01-060-04	Filters	---	---	---	---	0.09	---	---	Hundreds of Pounds of Product	
3-01-060-05	Extractors	---	---	---	---	0.006	---	---	Hundreds of Pounds of Product	
3-01-060-06	Centrifuges	---	---	---	---	0.006	---	---	Hundreds of Pounds of Product	
3-01-060-07	Crystallizers	---	---	---	---	0.006	---	---	Hundreds of Pounds of Product	
3-01-060-08	Exhaust Systems	---	---	---	---	0.006	---	---	Hundreds of Pounds of Product	
3-01-060-09	Air Dryers	---	---	---	---	1.7	---	---	Hundreds of Pounds of Product	
3-01-060-10	Storage/Transfer	---	---	---	---	0.07	---	---	Hundreds of Pounds of Product	
3-01-060-11	Coating Process	---	---	---	---	200.0	---	---	Tons Solvent in Coating	
3-01-060-12	Granulation Process	---	---	---	---	200.0	---	---	Tons Solvent Consumed	
3-01-060-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Hundreds of Pounds of Product	
Inorganic Chem. Mfg. - General Processes - 2812, 2813, 2816, 2819										
3-01-070-01	Fugitive Leaks	---	---	---	---	0.0	---	---	Tons Product	
3-01-070-02	Storage/Transfer	---	---	---	---	0.0	---	---	Tons Product	
Acetone Production - 2869										
3-01-091-01	Acetone: General	---	---	---	---	---	---	---	Tons Produced	
Ketone Production - 2869										
3-01-091-05	Methyl Ethyl Ketone	---	---	---	---	11.6	---	---	Tons Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Ketone Production - 2869										
3-01-091-10	Methyl Isobutyl Ketone	---	---	---	---	---	---	---	Tons Produced	
Acetone Production - 2869										
3-01-091-51	Cumene Oxidation	---	---	---	0.0	7.6	---	---	Tons Product	
3-01-091-52	CHP Concentrator	---	---	---	---	4.2	---	---	Tons Product	
3-01-091-53	Light-ends Distillation Vent	---	---	---	0.0	0.6	---	---	Tons Product	
3-01-091-54	Acetone Finishing Column	---	---	---	0.0	1.3	---	---	Tons Product	
3-01-091-80	Fugitive Emissions	---	---	---	---	450000.0	---	---	Process Unit-Year	
Ketone Production - 2869										
3-01-091-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Maleic Anhydride - 2865										
3-01-100-02	Product Recovery Absorber	---	---	---	0.1	174.0	1360.0	---	Tons Produced	
3-01-100-03	Vacuum System Vent	---	---	0.0	0.0	0.2	---	---	Tons Produced	
3-01-100-04	Briquetting	---	---	---	---	0.0	---	---	Tons Produced	
3-01-100-05	Secondary Sources: Dehydration Column, Vacuum System	---	---	0.0	0.0	0.2	---	---	Tons Produced	
3-01-100-80	Fugitive Emissions	---	---	---	---	---	---	---	Process Unit-Year	
3-01-100-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Elemental Phosphorous - 2819										
3-01-112-01	Calciner	---	---	---	---	0.0	---	---	Tons Processed	
3-01-112-02	Furnace	---	---	---	---	0.0	---	---	Tons Processed	
3-01-112-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Product	
Boric Acid - 2800										
3-01-113-01	Dryer	---	0.58	---	---	---	---	---	Tons Dried	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Potassium Chloride - 2800										
3-01-114-01	Dryer	---	2.68	---	---	---	---	---	Tons Product	
Formaldehyde - 2869										
3-01-120-01	Formaldehyde: Silver Catalyst	---	---	0.0	0.0	13.0	---	---	Tons Produced	
3-01-120-02	Formaldehyde: Mixed Oxide Catalyst	---	---	---	---	16.0	---	---	Tons Produced	
3-01-120-05	Absorber Vent	---	---	---	---	2.2	---	---	Tons Product	
3-01-120-06	Fractionator Vent	---	---	---	---	0.1	---	---	Tons Product	
3-01-120-07	Fugitive Emissions	---	---	---	---	36000.0	---	---	Process Unit-Year	
Acetaldehyde - 2869										
3-01-120-11	Acetaldehyde from Ethylene	---	---	0.0	0.0	2.8	---	---	Tons Produced	
3-01-120-12	Acetaldehyde from Ethanol	---	---	0.0	0.0	0.04	---	---	Tons Produced	
3-01-120-13	Off-Air Absorber Vent	---	---	---	---	4.5	---	---	Tons Product	
3-01-120-14	Off-Gas Absorber Vent	---	---	---	---	5.6	---	---	Tons Product	
3-01-120-17	Fugitive Emissions	---	---	---	---	165000.0	---	---	Process Unit-Year	
Butyraldehyde - 2869										
3-01-120-21	General	---	---	---	---	240.0	---	---	Tons Produced	
Acrolein - 2869										
3-01-120-31	CO2 Stripping Tower	---	---	---	---	120.0	---	---	Tons Product	
3-01-120-32	Aqueous Acrolein Receiver	---	---	---	---	6.0	---	---	Tons Product	
3-01-120-33	Distillation System	---	---	---	---	54.0	---	---	Tons Product	
3-01-120-34	Refrigeration Unit	---	---	---	---	54.0	---	---	Tons Product	
3-01-120-37	Fugitive Emissions	---	---	---	---	---	---	---	Process Unit-Year	
3-01-120-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Organic Dyes/Pigments - 2865										
3-01-121-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Dyes/Pigments Produced	
Chloroprene - 2869										
3-01-124-01	General	---	---	---	---	---	---	---		
3-01-124-02	Butadiene Dryer	---	---	---	---	2.4	---	---	Tons Product	
3-01-124-03	Chlorination Reactor	---	---	---	---	0.47	---	---	Tons Product	
3-01-124-04	Dichlorobutene Still	---	---	---	---	7.8	---	---	Tons Product	
3-01-124-05	Isomerization and 3,4-DCB Recovery Vent	---	---	---	---	0.3	---	---	Tons Product	
3-01-124-06	Chloroprene Stripper	---	---	---	---	0.3	---	---	Tons Product	
3-01-124-07	Brine Stripper	---	---	---	---	0.3	---	---	Tons Product	
3-01-124-80	Fugitive Emissions	---	---	---	---	---	---	---	Process Unit-Year	
Ethylene Dichloride - 2869										
3-01-125-01	Ethylene Dichloride via Oxychlorination	---	---	0.0	0.0	24.1	---	---	Tons Produced	
3-01-125-02	Ethylene Dichloride via Direct Chlorination	---	---	---	---	1.3	---	---	Tons Produced	
3-01-125-04	Caustic Scrubber	---	---	---	---	0.0	---	---	Tons Product	
3-01-125-05	Reactor Vessel	---	---	---	---	0.0	---	---	Tons Product	
3-01-125-06	Distillation Unit	---	---	---	---	0.0	---	---	Tons Product	
3-01-125-09	Fugitive Emissions	---	---	---	---	100000.0	---	---	Process Unit-Year	
Chloromethanes - 2869										
3-01-125-10	General	---	---	0.0	0.0	12.3	---	---	Tons Produced	
3-01-125-11	Recycled Methane Inert-Purge	---	---	0.0	0.0	4.2	---	---	Tons Product	
3-01-125-12	Drying Bed Regeneration Vent	---	---	0.0	0.0	0.1	---	---	Tons Product	
3-01-125-14	Fugitive Emissions	---	---	0.0	0.0	482000.0	---	---	Process Unit-Year	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Ethyl Chloride - 2869										
3-01-125-15	Ethyl Chloride: General	---	---	---	---	0.0	---	---	Tons Produced	
Perchloroethylene - 2869										
3-01-125-20	General	---	---	0.0	0.0	3.5	---	---	Tons Produced	
3-01-125-21	Distillation Vent	---	---	0.0	0.0	0.09	---	---	Tons Product	
3-01-125-22	Caustic Scrubber	---	---	0.0	0.0	0.005	---	---	Tons Product	
3-01-125-24	Fugitive Emissions	---	---	0.0	0.0	730000.0	---	---	Process Unit-Year	
1,1,1-Trichloroethane - 2869										
3-01-125-25	General	---	---	---	---	---	---	---	Tons Produced	
3-01-125-26	HCl Absorber Vent	---	---	---	---	0.2	---	---	Tons Product	
3-01-125-27	Drying Column Vent	---	---	---	---	2.0	---	---	Tons Product	
3-01-125-28	Distillation Column Vent	---	---	---	---	0.16	---	---	Tons Product	
3-01-125-29	Fugitive Emissions	---	---	---	---	77000.0	---	---	Process Unit-Year	
Trichloroethylene - 2869										
3-01-125-30	General	---	---	---	---	1.3	---	---	Tons Produced	
3-01-125-31	Distillation Unit	---	---	---	---	0.03	---	---	Tons Product	
3-01-125-32	Neutralizer	---	---	---	---	15.2	---	---	Tons Product	
3-01-125-33	Product Drying Column	---	---	---	---	0.8	---	---	Tons Product	
3-01-125-34	Fugitive Emissions	---	---	---	---	730000.0	---	---	Process Unit-Year	
Chlorobenzene - 2869 (l)										
3-01-125-35	Chlorobenzenes: General	---	---	---	---	0.8	---	---	Tons Produced	
Vinyl Chloride - 2869										
3-01-125-40	General	---	---	---	---	6.5	---	---	Tons Produced	
3-01-125-41	Cracking Furnace	---	---	---	---	0.0	---	---	Tons Product	
3-01-125-42	HCl Recovery	---	---	---	---	0.2	---	---	Tons Product	
3-01-125-43	Light-ends Recovery	---	---	---	---	2.0	---	---	Tons Product	
3-01-125-44	Drying Column:	---	---	---	---	2.0	---	---	Tons Product	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Vinyl Chloride - 2869										
3-01-125-45	Dichloroethane Drying Column: Vinyl Chloride Monomer	---	---	---	---	2.0	---	---	Tons Product	
3-01-125-46	Product Recovery Still	---	---	---	---	1.4	---	---	Tons Product	
3-01-125-47	Cracking Furnace Decoking	---	---	---	---	0.0	---	---	Tons Product	
3-01-125-50	Fugitive Emissions	---	---	---	---	275000.0	---	---	Process Unit-Year	
Vinylidene Chloride - 2869										
3-01-125-51	General	---	---	---	---	15.7	---	---	Tons Product	
3-01-125-52	Dehydrochlorination Reactor	---	---	0.0	0.0	12.4	---	---	Tons Product	
3-01-125-53	Distillation Column Vent	---	---	0.0	0.0	1.4	---	---	Tons Product	
3-01-125-55	Fugitive Emissions	---	---	---	---	19000.0	---	---	Process Unit-Year	
Chlorinated Organics - 2869										
3-01-125-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Brominated Organics - 2869										
3-01-126-99	Bromine Organics	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Fluorocarbons/Chlorofluorocarbons - 2869										
3-01-127-01	General	---	---	0.0	0.0	17.1	---	---	Tons Produced	
3-01-127-02	Distillation Column	---	---	0.0	0.0	16.6	---	---	Tons Product	
3-01-127-03	HCl Recovery Column	---	---	0.0	0.0	0.0	---	---	Tons Product	
3-01-127-20	Chlorofluorocarbon 12/11	---	---	---	---	6.2	---	---	Tons Produced	
3-01-127-30	Chlorofluorocarbon 23/22	---	---	---	---	38.0	---	---	Tons Produced	
3-01-127-40	Chlorofluorocarbon 113/114	---	---	---	---	13.0	---	---	Tons Produced	
3-01-127-80	Fugitive Emissions	---	---	---	---	---	---	---	Process Unit-Year	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Ammonium Sulfate - 2873										
3-01-130-04	Rotary Dryer	46.0	45.4	---	---	1.48	---	---	Tons Product	
3-01-130-05	Fluid Bed Dryer	218.0	21.8	---	---	1.48	---	---	Tons Product	
Acetic Acid - 2869										
3-01-132-01	Acetic Acid via Methanol	---	---	0.0	0.06	4.0	---	---	Tons Produced	
3-01-132-05	Acetic Acid via Butane	---	---	0.0	0.08	14.0	---	---	Tons Produced	
3-01-132-10	Acetic Acid via Acetaldehyde	---	---	0.0	0.0	22.0	---	---	Tons Produced	
Acrylic Acid - 2869										
3-01-132-21	General	---	---	---	---	240.0	---	---	Tons Product	
3-01-132-22	Quench-Absorber	---	---	---	---	239.0	---	---	Tons Product	
3-01-132-23	Extraction Column	---	---	---	---	1.6	---	---	Tons Product	
3-01-132-24	Vacuum System	---	---	---	---	10.5	---	---	Tons Product	
3-01-132-27	Fugitive Emissions	---	---	---	---	---	---	---	Process Unit-Year	
Org. Acids Mfg. - Other Not Classified - 2869										
3-01-132-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Acetic Anhydride - 2869										
3-01-133-01	General	---	---	0.0	0.0	5.5	---	---	Tons Produced	
3-01-133-02	Reactor By-Product Gas Vent	---	---	---	---	9.0	---	---	Tons Product	
3-01-133-03	Distillation Column Vent	---	---	---	---	1.4	---	---	Tons Product	
3-01-133-80	Fugitive Emissions	---	---	---	---	---	---	---	Process Unit-Year	
Esters Production - 2869										
3-01-137-01	Ethyl Acrylate	---	---	---	---	29.1	---	---	Tons Produced	
3-01-137-10	Butyl Acrylate	---	---	---	---	5.4	---	---	Tons Produced	
3-01-137-99	Acrylates: Specify in Comments	XXX	XXX	XXX	XXX	0.6	XXX	XXX	Tons Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Acetylene Production - 2813										
3-01-140-01	Raw Material Handling	---	---	---	---	0.0	---	---	Tons Throughput	
3-01-140-02	Grinding/Milling	---	---	---	---	0.0	---	---	Tons Throughput	
3-01-140-03	Mixing	---	---	---	---	0.0	---	---	Tons Throughput	
3-01-140-04	Waste Handling	---	---	---	13.5	9.3	---	---	Tons Throughput	
3-01-140-05	General	---	---	---	---	---	---	---	Million Cubic Feet Produced	
Bisphenol A - 2869										
3-01-152-01	General	---	---	---	---	0.0	---	---	Tons Produced	
Butadiene - 2869										
3-01-153-01	General	---	---	---	---	---	---	---	Tons Product	
3-01-153-10	Houdry Process: General	---	---	---	---	23.0	---	---	Tons Product	
3-01-153-11	Flue Gas Vent	---	---	---	---	0.1	---	---	Tons Product	
3-01-153-12	Dehydrogenation Reactor	---	---	---	---	11.0	---	---	Tons Product	
3-01-153-20	N-Butene Process: General	---	---	---	---	23.0	---	---	Tons Product	
3-01-153-21	Flue Gas Vent	---	---	---	---	0.1	---	---	Tons Product	
3-01-153-22	Hydrocarbon Absorber Column	---	---	---	---	10.0	---	---	Tons Product	
3-01-153-80	Fugitive Emissions	---	---	---	---	313000.0	---	---	Process Unit-Year	
Cumene - 2865										
3-01-156-01	General	---	---	---	---	1.1	---	---	Tons Produced	
3-01-156-02	Benzene Drying Column	---	---	---	---	0.4	---	---	Tons Product	
3-01-156-03	Catalyst Mix Tank Scrubber Vent	---	---	---	---	0.3	---	---	Tons Product	
3-01-156-04	Wash-Decant System Vent	---	---	---	---	0.02	---	---	Tons Product	
3-01-156-05	Benzene Recovery	---	---	---	---	0.03	---	---	Tons Product	
3-01-156-06	Cumene Distillation	---	---	---	---	0.06	---	---	Tons Product	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Cumene - 2865										
	Vent									
3-01-156-07	DIPB Stripping Vent	---	---	---	---	0.002	---	---	Tons Product	
3-01-156-80	Fugitive Emissions	---	---	---	---	150000.0	---	---	Process Unit-Yr	
Cyclohexane - 2865										
3-01-157-01	General	---	---	---	---	0.006	---	---	Tons Produced	
3-01-157-02	Blowdown Tank Discharge	---	---	---	---	0.0	---	---	Tons Product	
3-01-157-03	Pumps/Valves/ Compressors	---	---	---	---	---	---	---	Tons Product	
3-01-157-04	Catalyst Replacement	---	---	---	---	0.0	---	---	Tons Catalyst Removed	
3-01-157-80	Fugitive Emissions	---	---	---	---	240000.0	---	---	Process Unit-Yr	
Cyclohexanone/ol - 2869										
3-01-158-01	General	---	---	---	---	78.0	---	---	Tons Produced	
3-01-158-02	High Pressure Scrubber Vent	---	---	---	---	33.5	---	---	Tons Product	
3-01-158-03	Low Pressure Scrubber Vent	---	---	---	---	5.2	---	---	Tons Product	
3-01-158-21	Hydrogenation Reactor Vent	---	---	---	---	3.0	---	---	Tons Product	
3-01-158-22	Distillation Vent	---	---	---	---	0.12	---	---	Tons Product	
3-01-158-80	Fugitive Emissions	---	---	---	---	---	---	---	Process Unit-Yr	
Vinyl Acetate - 2869										
3-01-167-01	General	---	---	---	---	---	---	---	Tons Produced	
3-01-167-02	Inert-Gas Purge Vent	---	---	---	---	8.8	---	---	Tons Product	
3-01-167-03	CO2 Purge Vent	---	---	---	---	0.6	---	---	Tons Product	
3-01-167-04	Inhibitor Mix Tank Discharge	---	---	---	---	5.6	---	---	Tons Product	
3-01-167-80	Fugitive Emissions	---	---	---	---	360000.0	---	---	Process Unit-Year	
3-01-167-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Ethyl Benzene - 2865										
3-01-169-01	General	---	---	---	---	0.01	---	---	Tons Produced	
3-01-169-02	Alkylation Reactor	---	---	---	---	0.0	---	---	Tons Product	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Ethyl Benzene - 2865										
3-01-169-03	Vent Benzene Drying	---	---	---	---	0.0	---	---	Tons Product	
3-01-169-04	Benzene Recovery/ Recycle	---	---	---	---	0.0	---	---	Tons Product	
3-01-169-05	Ethylbenzene Recovery	---	---	---	---	0.0	---	---	Tons Product	
3-01-169-06	Polyethylbenzene Recovery	---	---	---	---	0.0	---	---	Tons Product	
3-01-169-80	Fugitive Emissions	---	---	---	---	329000.0	---	---	Process Unit-Year	
Ethylene Oxide - 2869										
3-01-174-01	General	---	---	---	---	7.8	---	---	Tons Produced	
3-01-174-02	Air Oxidation Process Reactor: Main Vent	---	---	---	---	2.8	---	---	Tons Product	
3-01-174-10	Oxygen Oxidation Process Reactor: CO2 Purge Vent	---	---	---	---	8.0	---	---	Tons Product	
3-01-174-11	Oxygen Oxidation Process Reactor: Argon Purge Vent	---	---	---	---	21.8	---	---	Tons Product	
3-01-174-21	Stripper Purge Vent	---	---	---	---	0.004	---	---	Tons Product	
3-01-174-80	Fugitive Emissions	---	---	---	---	168000.0	---	---	Process Unit-Year	
Glycerin (Glycerol) - 2869										
3-01-176-01	General	---	---	---	---	130.0	---	---	Tons Produced	
3-01-176-10	Chlorination Process: General	---	---	0.0	0.0	---	---	---	Tons Product	
3-01-176-11	CO2 Absorber	---	---	---	---	0.8	---	---	Tons Product	
3-01-176-12	Evaporator	---	---	---	---	0.0	---	---	Tons Product	
3-01-176-13	Concentrator	---	---	---	---	0.0	---	---	Tons Product	
3-01-176-14	Stripping Column	---	---	---	---	0.0	---	---	Tons Product	
3-01-176-15	Light-ends Stripping Column	---	---	---	---	0.0	---	---	Tons Product	
3-01-176-16	Solvent Stripping Column	---	---	---	---	0.2	---	---	Tons Product	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Glycerin (Glycerol) - 2869										
3-01-176-17	Product Distillation Column	---	---	---	---	0.0	---	---	Tons Product	
3-01-176-18	Cooling Tower	---	---	---	---	5.6	---	---	Tons Product	
3-01-176-30	Oxidation Process: General	---	---	---	---	---	---	---	Tons Product	
3-01-176-31	Light-ends Stripper	---	---	---	---	30.0	---	---	Tons Product	
3-01-176-32	Concentrator	---	---	---	---	0.3	---	---	Tons Product	
3-01-176-33	Glycerin Flasher Column	---	---	---	---	0.3	---	---	Tons Product	
3-01-176-34	Product Distillation Column	---	---	---	---	0.3	---	---	Tons Product	
3-01-176-80	Fugitive Emissions	---	---	---	---	---	---	---	Process Unit-Yr	
Toluene Diisocyanate - 2865										
3-01-181-01	General	---	---	---	---	---	---	---	Tons Produced	
3-01-181-02	Sulfuric Acid Concentrator	---	---	---	---	10.0	---	---	Tons Product	
3-01-181-03	Nitration Reactor	---	---	---	---	0.05	---	---	Tons Product	
3-01-181-04	Catalyst Filtration	---	---	---	---	0.001	---	---	Tons Product	
3-01-181-05	TDA Vacuum Distillation Vent	---	---	---	---	0.007	---	---	Tons Product	
3-01-181-06	Dichlorobenzene Solvent Recovery	---	---	---	---	3.0	---	---	Tons Product	
3-01-181-07	TDI Flash Distillation	---	---	---	---	3.0	---	---	Tons Product	
3-01-181-08	TDI Purification	---	---	---	---	3.0	---	---	Tons Product	
3-01-181-09	Residue Vacuum Distillation Unit	---	---	---	---	0.0	---	---	Tons Product	
3-01-181-10	HCl Absorber	---	---	---	---	0.0	---	---	Tons Product	
3-01-181-80	Fugitive Emissions	---	---	---	---	---	---	---	Process Unit-Yr	
Methyl Methacrylate - 2869										
3-01-190-01	General	---	---	---	---	---	---	---	Tons Product	
3-01-190-02	Acetone Cyanohydrin Reactor Off-Gas	---	---	---	---	0.08	---	---	Tons Product	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Methyl Methacrylate - 2869										
3-01-190-03	Recovery Columns	---	---	---	---	2.3	---	---	Tons Product	
3-01-190-04	Acetone Evaporation	---	---	---	---	0.008	---	---	Tons Product	
	Vacuum Vent									
3-01-190-10	Hydrolysis Reactor	---	---	---	---	13.2	---	---	Tons Product	
3-01-190-11	Distillation Unit	---	---	---	---	1.9	---	---	Tons Product	
3-01-190-12	MMA and Light-ends Distillation Unit	---	---	---	---	16.5	---	---	Tons Product	
3-01-190-13	Acid Distillation	---	---	---	---	1.1	---	---	Tons Product	
3-01-190-14	MMA Purification	---	---	---	---	14.1	---	---	Tons Product	
3-01-190-80	Fugitive Emissions	---	---	---	---	27000.0	---	---	Process Unit-Yr	
Nitrobenzene - 2865										
3-01-195-01	General	---	---	---	---	2.7	---	---	Tons Produced	
3-01-195-02	Reactor and Separator Vent	---	---	---	---	1.9	---	---	Tons Product	
3-01-195-03	Acid Stripper Vent	---	---	---	---	0.34	---	---	Tons Product	
3-01-195-04	Washer and Neutralizer Vent	---	---	---	---	0.02	---	---	Tons Product	
3-01-195-05	Nitrobenzene Stripper Vent	---	---	---	---	0.34	---	---	Tons Product	
3-01-195-06	Waste Acid Storage	---	---	---	---	0.005	---	---	1000 Gallons Stored	
3-01-195-80	Fugitive Emissions	---	---	---	---	138000.0	---	---	Process Unit-Yr	
Propylene Production - 2869										
3-01-197-05	General	---	---	---	---	1.0	---	---	Tons Produced	
3-01-197-06	Reactor	---	---	---	---	0.0	---	---	Tons Product	
3-01-197-07	Drying Tower	---	---	---	---	0.02	---	---	Tons Product	
3-01-197-08	Light-ends Stripper	---	---	---	---	0.01	---	---	Tons Product	
3-01-197-09	Fugitive Emissions	---	---	---	---	---	---	---	Process Unit-Yr	
Butylene - 2869										
3-01-197-10	General	---	---	---	---	---	---	---	Tons Produced	
Ethylene Production - 2869										
3-01-197-01	General	---	---	---	---	---	---	---	Tons Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Ethylene Production - 2869										
3-01-197-41	Flue Gas Vent	---	---	---	---	0.86	---	---	Tons Product	
3-01-197-42	Pyrolysis Furnace Decoking	---	---	---	---	0.0	---	---	Tons Product	
3-01-197-43	Acid Gas Removal	---	---	---	---	0.02	---	---	Tons Product	
3-01-197-44	Catalyst Regeneration	---	---	---	---	0.0	---	---	Tons Product	
3-01-197-45	Compressor Lube Oil Vent	---	---	---	---	14.6	---	---	Tons Product	
3-01-197-49	Fugitive Emissions	---	---	---	---	695000.0	---	---	Process Unit-Yr	
Olefin Production - 2869										
3-01-197-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Phenol - 2865										
3-01-202-01	General	---	---	---	---	20.0	---	---	Tons Produced	
3-01-202-02	Cumene Oxidation	---	---	0.0	0.0	7.6	---	---	Tons Product	
3-01-202-03	CHP Concentrator	---	---	---	---	4.2	---	---	Tons Product	
3-01-202-04	Light-ends Distillation Vent	---	---	---	0.0	0.6	---	---	Tons Product	
3-01-202-05	Acetone Finishing	---	---	---	0.0	1.3	---	---	Tons Product	
3-01-202-06	Phenol Distillation Column	---	---	---	0.0	7.6	---	---	Tons Product	
3-01-202-10	Oxidate Wash/ Separation	---	---	---	0.0	0.16	---	---	Tons Product	
3-01-202-11	CHP Cleavage Vent	---	---	---	0.0	0.95	---	---	Tons Product	
3-01-202-80	Fugitive Emissions	---	---	---	---	731000.0	---	---	Process Unit-Yr	
Propylene Oxide - 2869										
3-01-205-01	General	---	---	---	---	---	---	---	Tons Produced	
3-01-205-02	Chlorohydronation Process: General	---	---	---	---	---	---	---	Tons Product	
3-01-205-03	Vent Gas Scrubber Vent	---	---	---	---	20.5	---	---	Tons Product	
3-01-205-04	Saponification Column Vent	---	---	---	---	0.09	---	---	Tons Product	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Propylene Oxide - 2869										
3-01-205-05	PO Stripping Column Vent	---	---	---	---	0.01	---	---	Tons Product	
3-01-205-06	Light-ends Stripping Column Vent	---	---	---	---	0.01	---	---	Tons Product	
3-01-205-07	PO Final Distillation Column Vent	---	---	---	---	0.01	---	---	Tons Product	
3-01-205-08	DCP Distillation Column Vent	---	---	---	---	0.0002	---	---	Tons Product	
3-01-205-09	DCIPE Distillation Column Vent	---	---	---	---	0.0	---	---	Tons Product	
3-01-205-20	Isobutane Hydroperoxide Process: General	---	---	---	---	---	---	---	Tons Product	
3-01-205-21	Oxidation Reactor Scrubber Vent	---	---	---	---	3.5	---	---	Tons Product	
3-01-205-22	TBA Stripping Column Vent	---	---	---	---	0.008	---	---	Tons Product	
3-01-205-23	Catalyst Mix Tank Vent	---	---	---	---	0.0	---	---	Tons Product	
3-01-205-24	PO Stripping Column Vent	---	---	---	---	0.04	---	---	Tons Product	
3-01-205-25	Crude TBA Recovery Column Vent	---	---	---	---	0.03	---	---	Tons Product	
3-01-205-26	TBA Wash-Decant System Vent	---	---	---	---	0.01	---	---	Tons Product	
3-01-205-27	Wastewater Stripping Column Vent	---	---	---	---	1.9	---	---	Tons Product	
3-01-205-28	Solvent Scrubber Vent	---	---	---	---	1.3	---	---	Tons Product	
3-01-205-29	Solvent Recovery Column Vent	---	---	---	---	0.0009	---	---	Tons Product	
3-01-205-30	Water Stripping Column Vent	---	---	---	---	0.003	---	---	Tons Product	
3-01-205-31	Propylene Glycol &	---	---	---	---	0.1	---	---	Tons Product	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Propylene Oxide - 2869										
	Dipropylene Glycol Comb'd Vent									
3-01-205-32 -	Flue Gas Vent	---	---	---	---	0.08	---	---	Tons Product	
3-01-205-40 -	Ethylbenzene Hydroperoxide Process: General	---	---	---	---	---	---	---	Tons Product	
3-01-205-41 -	Oxidation Reactor Scrubber Vent	---	---	---	---	1.0	---	---	Tons Product	
3-01-205-42 -	Falling Film Evaporator Vent	---	---	---	---	0.01	---	---	Tons Product	
3-01-205-43 -	Catalyst Mix Tank Vent	---	---	---	---	0.0	---	---	Tons Product	
3-01-205-44 -	Separation Column Vent	---	---	---	---	0.3	---	---	Tons Product	
3-01-205-45 -	Light-ends Stripping Column Vent	---	---	---	---	0.3	---	---	Tons Product	
3-01-205-46 -	Propylene Recovery Column Vent	---	---	---	---	0.3	---	---	Tons Product	
3-01-205-47 -	Product Wash-Decant System Vent	---	---	---	---	0.01	---	---	Tons Product	
3-01-205-48 -	Mixed Hydrocarbon Wash-Decant System Vent	---	---	---	---	0.003	---	---	Tons Product	
3-01-205-49 -	Ethyl Benzene Wash-Decant System Vent	---	---	---	---	0.003	---	---	Tons Product	
3-01-205-50 -	Ethyl Benzene Stripping Column Vent	---	---	---	---	0.0	---	---	Tons Product	
3-01-205-51 -	Light-hydrocarbon Stripping Column Vent	---	---	---	---	0.02	---	---	Tons Product	
3-01-205-52 -	MBA-AP Stripping Column Vent	---	---	---	---	0.02	---	---	Tons Product	
3-01-205-53 -	Dehydration Reactor System Vent	---	---	---	---	2.5	---	---	Tons Product	
3-01-205-54 -	Light-impurities	---	---	---	---					

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Propylene Oxide - 2869										
	Stripping Column Vent									
3-01-205-55	- Styrene Finishing Column Vent	---	---	---	---	1.7	---	---	Tons Product	
3-01-205-80	- Fugitive Emissions	---	---	---	---	---	---	---	Process Unit-Yr	
Styrene - 2865										
3-01-206-01	- General	---	---	0.0	0.04	33.0	---	---	Tons Produced	
3-01-206-02	- Benzene Recycle	---	---	---	---	0.6	---	---	Tons Product	
3-01-206-03	- Styrene Purification	---	---	---	---	12.0	---	---	Tons Product	
3-01-206-80	- Fugitive Emissions	---	---	---	---	248000.0	---	---	Process Unit-Yr	
Caprolactum - 2869										
3-01-210-01	- General	---	---	---	---	---	---	---		
3-01-210-02	- Cyclohexanone Purification Vent	---	---	---	---	6.2	---	---	Tons Product	
3-01-210-03	- Dehydrogenation Reactor Vent	---	---	---	---	0.02	---	---	Tons Product	
3-01-210-04	- Oleum Reactor	---	---	---	---	0.0	---	---	Tons Product	
3-01-210-05	- Neutralization Reactor Vent	---	---	---	---	0.08	---	---	Tons Product	
3-01-210-06	- Solvent Separation/ Recovery	---	---	---	---	4.0	---	---	Tons Product	
3-01-210-07	- Oximation Reactor/ Separator	---	---	---	---	0.05	---	---	Tons Product	
3-01-210-08	- Caprolactum Purification	---	---	---	---	0.3	---	---	Tons Product	
3-01-210-09	- Ammonium Sulfate Drying	---	---	---	---	1.2	---	---	Tons Product	
3-01-210-10	- Ammonium Sulfate: Cooling/Screening/ Storage	---	---	---	---	0.1	---	---	Tons Product	
3-01-210-80	- Fugitive Emissions	---	---	---	---	---	---	---	Process Unit-Yr	
Linear Alkylbenzene - 2869										
3-01-211-01	- Olefin Process:	---	---	---	---	---	---	---	Tons Product	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Linear Alkylbenzene - 2869										
	General									
3-01-211-02	Benzene Drying	---	---	---	---	0.008	---	---	Tons Product	
3-01-211-03	Hydrogen Fluoride Scrubber Vent	---	---	---	---	22.0	---	---	Tons Product	
3-01-211-04	Vacuum Refining	---	---	---	---	0.2	---	---	Tons Product	
3-01-211-21	Chlorination Process: General	---	---	---	---	0.0	---	---	Tons Product	
3-01-211-22	Parafin Drying Column Vent	---	---	---	---	5.6	---	---	Tons Product	
3-01-211-23	HCl Absorber Vent	---	---	---	---	0.1	---	---	Tons Product	
3-01-211-24	Atmospheric Wash-Decant Vent	---	---	---	---	25.0	---	---	Tons Product	
3-01-211-25	Benzene Stripping Column	---	---	---	---	7.4	---	---	Tons Product	
3-01-211-80	Fugitive Emissions	---	---	---	---	---	---	---	Process Unit-Yr	
Methanol - 2869										
3-01-250-01	General	---	---	---	---	---	---	---	Tons Produced	
3-01-250-02	Purge Gas Vent	---	---	---	---	2.2	---	---	Tons Product	
3-01-250-03	Distillation Vent	---	---	---	---	0.8	---	---	Tons Product	
3-01-250-04	Fugitive Emissions	---	---	---	---	575000.0	---	---	Process Unit-Yr	
Alcohols Production - 2869										
3-01-250-05	Ethanol via Ethylene	---	---	---	---	0.9	---	---	Tons Produced	
3-01-250-10	Ethanol by Fermentation	---	---	---	---	1.9	---	---	Tons Produced	
3-01-250-15	Isopropanol	---	---	---	---	0.0	---	---	Tons Produced	
3-01-250-20	Alcohols by Oxo Process	---	---	---	---	4.0	---	---	Tons Produced	
3-01-250-25	Fatty Alcohols by Hydrogenation	---	---	---	---	3.0	---	---	Tons Produced	
3-01-250-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Ethylene Glycol - 2869										
3-01-251-01	General	---	---	---	---	---	---	---	Tons Produced	
3-01-251-02	Evaporator Purge	---	---	---	---	0.95	---	---	Tons Product	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Ethylene Glycol - 2869										
3-01-251-03	Vent Water Removal Steam - Jet Ejector	---	---	---	---	1.2	---	---	Tons Product	
3-01-251-04	Distillation Column Vent	---	---	---	---	0.0	---	---	Tons Product	
3-01-251-80	Fugitive Emissions	---	---	---	---	24000.0	---	---	Process Unit-Yr	
Ether Production - 2869										
3-01-252-01	General	---	---	0.0	0.0	0.16	---	---	Tons Produced	
Glycol Ethers - 2869										
3-01-253-01	General	---	---	---	---	---	---	---	Tons Produced	
3-01-253-02	Vacuum System Vent	---	---	---	---	0.03	---	---	Tons Product	
3-01-253-05	Catalyst-Methanol Mix Tank	---	---	---	---	0.02	---	---	Tons Product	
3-01-253-06	Methanol Recovery Column Vent	---	---	---	---	0.03	---	---	Tons Product	
3-01-253-15	Catalyst-Ethanol Mix Tank	---	---	---	---	0.01	---	---	Tons Product	
3-01-253-16	Ethanol Recovery Column	---	---	---	---	0.19	---	---	Tons Product	
3-01-253-25	Catalyst-Butanol Mix Tank	---	---	---	---	0.002	---	---	Tons Product	
3-01-253-26	Butanol Recovery Column	---	---	---	---	0.03	---	---	Tons Product	
3-01-253-80	Fugitive Emissions	---	---	---	---	20100.0	---	---	Process Unit-Yr	
Nitriles Production - 2869										
3-01-254-01	Acetonitrile	---	---	---	---	200.0	---	---	Tons Produced	
Acrylonitrile - 2869										
3-01-254-05	General	---	---	---	---	220.0	---	---	Tons Produced	
3-01-254-06	Absorber Vent: Normal	---	---	---	---	200.0	---	---	Tons Product	
3-01-254-07	Absorber Vent: Startup	---	---	---	---	0.5	---	---	Tons Product	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Acrylonitrile - 2869										
3-01-254-08	Recovery/ Purification Column Vent	---	---	---	---	20.0	---	---	Tons Product	
3-01-254-09	Fugitive Emissions	---	---	---	---	22000.0	---	---	Process Unit-Yr	
Adiponitrile - 2869										
3-01-254-10	via Adipic Acid: General	---	---	---	---	1.6	---	---	Tons Produced	
3-01-254-11	Ammonia Recovery Still	---	---	---	---	0.0	---	---	Tons Product	
3-01-254-12	Product Fractionator Vent	---	---	---	---	20.0	---	---	Tons Product	
3-01-254-13	Product Recovery Vent	---	---	---	---	20.0	---	---	Tons Product	
3-01-254-15	via Butadiene: General	---	---	---	---	51.0	---	---	Tons Produced	
3-01-254-16	Chlorination Reactor	---	---	---	---	36.0	---	---	Tons Product	
3-01-254-17	Cyanide Synthesis	---	---	---	---	0.0	---	---	Tons Product	
3-01-254-18	Cyanation/ Isomerization	---	---	---	---	15.5	---	---	Tons Product	
3-01-254-20	Fugitive Emissions	---	---	---	---	---	---	---	Process Unit-Yr	
Nitriles Production - 2869										
3-01-254-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Benzene Production - 2869										
3-01-258-01	General	---	---	---	---	---	---	---	Tons Produced	
3-01-258-02	Reactor	---	---	---	---	0.3	---	---	Tons Product	
3-01-258-03	Distillation Unit	---	---	---	---	0.8	---	---	Tons Product	
Toluene Production - 2869										
3-01-258-05	General	---	---	---	---	---	---	---	Tons Produced	
3-01-258-06	Reactor	---	---	---	---	0.3	---	---	Tons Product	
3-01-258-07	Distillation Unit	---	---	---	---	0.8	---	---	Tons Product	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Aromatics Production - 2869										
3-01-258-10	p-Xylene: General	---	---	---	---	---	---	---	Tons Produced	
Mixed Xylenes - 2869										
3-01-258-15	General	---	---	---	---	---	---	---	Tons Produced	
3-01-258-16	Reactor	---	---	---	---	0.3	---	---	Tons Product	
3-01-258-17	Distillation Unit	---	---	---	---	0.8	---	---	Tons Product	
Aromatics Production - 2869										
3-01-258-80	Fugitive Emissions	---	---	---	---	379000.0	---	---	Process Unit-Yr	
3-01-258-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Chlorobenzene - 2869										
3-01-301-01	Tail Gas Scrubber	---	---	---	---	1.2	---	---	Tons Product	
3-01-301-02	Benzene Drying: Distillation	---	---	---	---	0.8	---	---	Tons Product	
3-01-301-03	Benzene Recovery	---	---	0.0	0.0	0.002	---	---	Tons Product	
3-01-301-04	Heavy-ends Processing	---	---	0.0	0.0	0.2	---	---	Tons Product	
3-01-301-05	MCB Distillation	---	---	0.0	0.0	0.8	---	---	Tons Product	
3-01-301-06	Vacuum System Vent	---	---	0.0	0.0	0.9	---	---	Tons Product	
3-01-301-07	DCB Crystallization	---	---	0.0	0.0	0.03	---	---	Tons Product	
3-01-301-08	DCB Crystal Handling/ Loading	---	---	0.0	0.0	0.04	---	---	Tons Product	
3-01-301-10	Catalyst Incineration	---	---	---	---	0.0	---	---	Tons Catalyst Burned	
3-01-301-80	Fugitive Emissions	---	---	---	---	418000.0	---	---	Process Unit-Yr	
Carbon Tetrachloride - 2869										
3-01-302-01	General	---	---	---	---	---	---	---	Tons Product	
3-01-302-02	Distillation Vent	---	---	---	---	0.01	---	---	Tons Product	
3-01-302-03	Caustic Scrubber	---	---	---	---	0.3	---	---	Tons Product	
3-01-302-80	Fugitive Emissions	---	---	---	---	166000.0	---	---	Tons Product	
Allyl Chloride - 2869										
3-01-303-01	Chlorination	---	---	---	---	---	---	---	Tons Product	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Allyl Chloride - 2869										
	Process: General									
3-01-303-02	HCl Absorber	---	---	---	---	0.3	---	---	Tons Product	
3-01-303-03	Light-ends Distillation	---	---	---	---	130.0	---	---	Tons Product	
3-01-303-04	Allyl Chloride Distillation Column	---	---	---	---	130.0	---	---	Tons Product	
3-01-303-05	DCP Distillation Column	---	---	---	---	2.0	---	---	Tons Product	
3-01-303-80	Fugitive Emissions	---	---	---	---	---	---	---	Process Unit-Yr	
Allyl Alcohol - 2869										
3-01-304-01	General	---	---	---	---	---	---	---	Tons Product	
3-01-304-02	Catalyst Preparation	---	---	---	---	450.0	---	---	Tons Product	
3-01-304-03	Filtration System	---	---	---	---	6.4	---	---	Tons Product	
3-01-304-04	Light-ends Stripper	---	---	---	---	22.0	---	---	Tons Product	
3-01-304-05	Distillation System Condenser	---	---	---	---	23.0	---	---	Tons Product	
3-01-304-80	Fugitive Emissions	---	---	---	---	---	---	---	Process Unit-Yr	
Epichlorohydrin - 2869										
3-01-305-01	General	---	---	---	---	---	---	---	Tons Product	
3-01-305-02	Epoxidation Reactor	---	---	---	---	208.0	---	---	Tons Product	
3-01-305-03	Azetrope Column	---	---	---	---	208.0	---	---	Tons Product	
3-01-305-04	Light-ends Stripper	---	---	---	---	0.003	---	---	Tons Product	
3-01-305-05	Finishing Column	---	---	---	---	0.7	---	---	Tons Product	
3-01-305-80	Fugitive Emissions	---	---	---	---	---	---	---	Process Unit-Yr	
Nitroglycerin - 2800										
3-01-401-01	Continuous Nitrator	---	---	---	---	---	---	---	Tons Produced	
3-01-401-02	Product Purification /Neutralization	---	---	---	---	---	---	---	Tons Produced	
3-01-401-03	Nitric Acid Recovery	---	---	---	---	---	---	---	Tons Acid Recovered	
General Processes - 2865, 2869										
3-01-800-01	Fugitive Leaks	---	---	---	---	---	---	---	Process Unit-Yr	
3-01-810-01	Air Oxidation Units	---	---	---	---	---	---	---	Tons Product	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
General Processes - 2865, 2869										
3-01-820-01	Wastewater Stripper	---	---	---	---	---	---	---	Tons Product	
3-01-820-02	Wastewater Treatment	---	---	---	---	---	---	---	1000 Gallons Wastewater Throughput	
3-01-820-03	Wastewater Treatment	---	---	---	---	---	---	---	Tons Product Processed	
3-01-830-01	Storage/Transfer	---	---	---	---	0.85	---	---	Tons Product	
3-01-840-01	Distillation Units	---	---	---	---	---	---	---	Tons Product	
Fugitive Emissions - 2800										
3-01-888-01	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-01-888-02	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-01-888-03	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-01-888-04	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-01-888-05	Specify in Comments Field	---	---	---	---	---	---	---	Process Unit-Yr	
Other Not Classified - 2800										
3-01-999-98	Specify in Comments Field	---	---	---	---	---	---	---	1000 Gallons	
3-01-999-99	Specify in Comments Field	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Product	
INORGANIC CHEMICAL STORAGE										
Fixed Roof Tanks - 2800										
3-01-870-01	Hydrochloric Acid: Breathing Loss	---	---	0.0	0.0	0.0	---	---	1000 Gallons Storage Capacity	
3-01-870-02	Hydrochloric Acid: Working Loss	---	---	0.0	0.0	0.0	---	---	1000 Gallons Throughput	
3-01-870-03	Hydrofluoric Acid: Breathing Loss	---	---	0.0	0.0	0.0	---	---	1000 Gallons Storage Capacity	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Fixed Roof Tanks - 2800										
3-01-870-04	Hydrofluoric Acid: Working Loss	---	---	0.0	0.0	0.0	---	---	1000 Gallons Throughput	
3-01-870-05	Nitric Acid: Breathing Loss	---	---	0.0	---	0.0	---	---	1000 Gallons Storage Capacity	
3-01-870-06	Nitric Acid: Working Loss	---	---	0.0	---	0.0	---	---	1000 Gallons Throughput	
3-01-870-07	Phosphoric Acid: Breathing Loss	---	---	0.0	0.0	0.0	---	---	1000 Gallons Storage Capacity	
3-01-870-08	Phosphoric Acid: Working Loss	---	---	0.0	0.0	0.0	---	---	1000 Gallons Throughput	
3-01-870-09	Sulfuric Acid: Breathing Loss	---	---	---	0.0	0.0	---	---	1000 Gallons Storage Capacity	
3-01-870-10	Sulfuric Acid: Working Loss	---	---	---	0.0	0.0	---	---	1000 Gallons Throughput	
3-01-870-97	Specify Liquid: Breathing Loss	---	---	---	---	0.0	---	---	1000 Gallons Storage Capacity	
3-01-870-98	Specify Liquid: Working Loss	---	---	---	---	0.0	---	---	1000 Gallons Throughput	
Floating Roof Tanks - 2800										
3-01-875-01	Carbon Disulfide: Breathing Loss	---	---	---	0.0	0.0	---	---	1000 Gallons Storage Capacity	
3-01-875-02	Carbon Disulfide: Withdrawal Loss	---	---	---	0.0	0.0	---	---	1000 Gallons Throughput	
3-01-875-97	Specify Liquid: Breathing Loss	---	---	---	---	---	---	---	1000 Gallons Storage Capacity	
3-01-875-98	Specify Liquid: Withdrawal Loss	---	---	---	---	---	---	---	1000 Gallons Throughput	
Pressure Tanks - 2800										
3-01-885-01	Ammonia: Withdrawal Loss	---	---	---	---	0.0	---	---	1000 Gallons Throughput	
3-01-885-02	Carbon Monoxide: Withdrawal Loss	---	---	0.0	0.0	0.0	---	---	1000 Gallons Throughput	
3-01-885-03	Chlorine: Withdrawal	---	---	0.0	0.0	0.0	---	---	1000 Gallons	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Pressure Tanks - 2800										
3-01-885-04	Loss Hydrogen Cyanide: Withdrawal Loss	---	---	0.0	0.0	0.0	---	---	Throughput 1000 Gallons	
3-01-885-05	Sulfur Dioxide: Withdrawal Loss	0.0	---	---	0.0	0.0	0.0	---	Throughput 1000 Gallons	
3-01-885-99	Specify Gas: Withdrawal Loss	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Throughput 1000 Gallons Throughput	
CHEMICAL MANUFACTURING - FUEL FIRED EQUIPMENT										
Process Heaters - 2800										
3-01-900-01	Distillate Oil (No. 2)	---	---	143.6 S	20.0	0.2	---	---	1000 Gallons Burned	
3-01-900-02	Residual Oil	---	---	158.6 S	50.0	0.28	---	---	1000 Gallons Burned	
3-01-900-03	Natural Gas	---	---	0.6	140.0	2.8	---	---	Million Cubic Feet Burned	
3-01-900-04	Process Gas	---	---	950.0 S	140.0	2.8	---	---	Million Cubic Feet Burned	
Incinerators - 2800										
3-01-900-11	Distillate Oil (No. 2)	---	---	---	---	0.4	---	---	1000 Gallons Burned	
3-01-900-12	Residual Oil	---	---	---	---	0.56	---	---	1000 Gallons Burned	
3-01-900-13	Natural Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
3-01-900-14	Process Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
Waste Gas Flares - 2800										
3-01-900-99	Specify in Comments Field	XXX	XXX	XXX	XXX	5.6	XXX	XXX	Million Cubic Feet Burned	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
FOOD AND AGRICULTURE - MAJOR GROUPS 01, 02, 07, 20, 21, 42, 44, & 51 (j)										
Alfalfa Dehydration - 2048										
3-02-001-02	Primary Cyclone and Dryer	10.0	9.0	0.0	0.0	0.0	0.0	---	Tons Product	
3-02-001-03	Meal Collector Cyclone	2.6	1.6	0.0	0.0	0.0	0.0	---	Tons Product	
3-02-001-04	Pellet Cooler Cyclone	3.0	1.8	0.0	0.0	0.0	0.0	---	Tons Product	
3-02-001-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Product	
Coffee Roasting - 2095										
3-02-002-01	Direct Fired Roaster	7.6	1.1	0.4	0.1	2.6	---	---	Tons of Green Beans	
3-02-002-02	Indirect Fired Roaster	4.2	0.6	0.4	0.1	2.6	---	---	Tons of Green Beans	
3-02-002-03	Stoner/Cooler	1.4	0.2	0.0	0.0	0.0	---	---	Tons of Green Beans	
3-02-002-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Product	
Instant Coffee Products - 2095										
3-02-003-01	Spray Dryer	1.4	0.93	---	0.0	0.0	---	---	Tons of Green Beans	
Cotton Ginning - 0724										
3-02-004-01	Unloading Fan	5.0	---	0.0	0.0	0.0	0.0	---	Bales of Cotton	
3-02-004-02	Seed Cotton Cleaning System	0.3	---	0.0	0.0	0.0	0.0	---	Bales of Cotton	
3-02-004-03	Stick/Burr Machine	0.2	---	0.0	0.0	0.0	0.0	---	Bales of Cotton	
3-02-004-04	Miscellaneous	1.5	---	0.0	0.0	0.0	0.0	---	Bales of Cotton	
3-02-004-10	General	7.0	---	0.0	0.0	0.0	0.0	---	Bales of Cotton	
Feed and Grain Terminal Elevators - 5153, 4221, 4491 (k)										
3-02-005-03	Cleaning	3.0	0.45	0.0	0.0	0.0	0.0	---	Tons of Grain Processed	
3-02-005-04	Drying	1.1	0.33	---	---	---	---	---	Tons of Grain Processed	
3-02-005-05	Unloading	1.0	0.18	0.0	0.0	0.0	0.0	---	Tons of Grain	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Feed and Grain Terminal Elevators - 5153, 4221, 4491 (k)										
3-02-005-06	(Receiving) Loading (Shipping)	0.3	0.13	0.0	0.0	0.0	0.0	---	Processed Tons of Grain	
3-02-005-07	Removal from Bins (Tunnel Belt)	1.4	0.4	0.0	0.0	0.0	0.0	---	Processed Tons of Grain	
3-02-005-08	Elevator Legs (Headhouse)	1.5	0.45	0.0	0.0	0.0	0.0	---	Processed Tons of Grain	
3-02-005-09	Tripper (Gallery Belt)	1.0	0.3	0.0	0.0	0.0	0.0	---	Processed Tons of Grain	
3-02-005-10	Removal from Bins (Tunnel Belt)	2.8	0.8	0.0	0.0	0.0	0.0	---	Processed Tons of Grain Shipped or Received	
3-02-005-11	Elevator Legs (Headhouse)	4.5	1.35	0.0	0.0	0.0	0.0	---	Tons of Grain Shipped or Received	
3-02-005-12	Terminal Elevators: General	10.2	---	0.0	0.0	0.0	0.0	---	Tons of Grain Shipped or Received	
Feed and Grain Country Elevators - 5153, 4221, 4491 (k)										
3-02-006-03	Cleaning	3.0	0.45	0.0	0.0	0.0	0.0	---	Tons of Grain	
3-02-006-04	Drying	0.7	0.11	---	---	---	---	---	Processed Tons of Grain	
3-02-006-05	Unloading (Receiving)	0.6	0.09	0.0	0.0	0.0	0.0	---	Processed Tons of Grain	
3-02-006-06	Loading (Shipping)	0.3	0.05	0.0	0.0	0.0	0.0	---	Processed Tons of Grain	
3-02-006-07	Removal from Bins (Tunnel Belt)	1.0	0.15	0.0	0.0	0.0	0.0	---	Processed Tons of Grain	
3-02-006-08	Elevator Legs (Headhouse)	1.5	0.23	0.0	0.0	0.0	0.0	---	Processed Tons of Grain	
3-02-006-09	Tripper (Gallery Belt)	1.7	0.26	0.0	0.0	0.0	0.0	---	Processed Tons of Grain Shipped or Received	
3-02-006-10	Removal from Bins (Tunnel Belt)	2.1	0.32	0.0	0.0	0.0	0.0	---	Tons of Grain Shipped or Received	
3-02-006-11	Elevator Legs (Headhouse)	4.65	0.7	0.0	0.0	0.0	0.0	---	Tons of Grain Shipped or Received	
3-02-006-99	Country Elevators:	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons of Grain	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Feed and Grain Country Elevators - 5153, 4221, 4491 (k)										
	General								Processed	
Barley Milling - 2041										
3-02-007-03	Barley Cleaning	0.2	0.12	0.0	0.0	0.0	0.0	---	Tons of Grain Processed	
Milo Milling - 2041										
3-02-007-04	Milo Cleaning	0.4	0.2	0.0	0.0	0.0	0.0	---	Tons of Grain Processed	
Barley Milling - 2041										
3-02-007-05	Barley Flour Mill	3.0	1.8	0.0	0.0	0.0	0.0	---	Tons of Grain Processed	
Durum Milling - 2041										
3-02-007-11	Grain Receiving	1.0	0.15	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-12	Precleaning/Handling	5.0	0.75	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-13	Cleaning House	---	---	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-14	Millhouse	---	---	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
Rye Milling - 2041										
3-02-007-21	Grain Receiving	1.0	0.15	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-22	Precleaning/Handling	5.0	0.75	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-23	Cleaning House	---	---	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-24	Millhouse (l)	70.0	42.7	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
Wheat Milling - 2041										
3-02-007-31	Grain Receiving	1.0	0.15	0.0	0.0	0.0	0.0	---	Tons of Grain	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Wheat Milling - 2041										
3-02-007-32	Precleaning/Handling	5.0	0.75	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-33	Cleaning House	---	---	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-34	Millhouse (l)	70.0	42.7	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
Corn: Dry Milling - 2041										
3-02-007-41	Grain Receiving	1.0	0.15	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-42	Grain Drying	0.5	0.3	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-43	Precleaning/Handling	5.0	0.75	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-44	Cleaning House	6.0	3.7	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-45	Degerming and Milling	---	---	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
Corn: Wet Milling - 2046										
3-02-007-51	Grain Receiving	1.0	0.15	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-52	Grain Handling	5.0	0.75	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-53	Grain Cleaning	6.0	3.7	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-54	Dryers	0.48	---	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-55	Bulk Loading	---	---	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-56	Milling	---	---	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
Oat Milling - 2041										
3-02-007-60	General	2.5	---	0.0	0.0	0.0	0.0	---	Tons of Grain	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Oat Milling - 2041										
									Received	
Rice Milling - 2044										
3-02-007-71	Grain Receiving	0.64	0.1	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-72	Precleaning/Handling	5.0	0.75	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-73	Drying	0.3	0.024	---	---	---	---	---	Tons of Grain Received	
3-02-007-74	Cleaning/Milhouse	---	---	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
Soybean Mills - 2075, 2041										
3-02-007-81	Grain Receiving	1.6	0.24	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-82	Grain Handling	5.0	0.75	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-83	Grain Cleaning	---	---	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-84	Drying	7.2	4.4	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-85	Cracking and Dehulling	3.3	0.5	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-86	Hull Grinding	2.0	1.2	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-87	Bean Conditioning	0.1	0.06	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-88	Flaking	0.57	0.35	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-89	Meal Dryer	1.5	0.9	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-90	Meal Cooler	1.8	1.1	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-007-91	Bulk Loading	0.27	0.04	0.0	0.0	0.0	0.0	---	Tons of Grain Received	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Feed Manufacture - 2082										
3-02-008-02	Grain Receiving	2.5	0.2	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-008-03	Shipping	1.0	0.07	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-008-04	Handling	5.5	0.45	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-008-05	Grinding	---	---	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-008-06	Pellet Coolers	---	---	0.0	0.0	0.0	0.0	---	Tons of Grain Received	
3-02-008-15	Grinding	0.21	---	0.0	0.0	0.0	0.0	---	Tons Grain Processed	
3-02-008-16	Pellet Cooler	0.2	---	0.0	0.0	0.0	0.0	---	Tons Grain Processed	
Beer Production - 2082										
3-02-009-01	Grain Handling	3.0	0.45	0.0	0.0	0.0	0.0	---	Tons of Grain Processed	
3-02-009-02	Drying Spent Grains	5.0	3.0	---	---	2.63	---	---	Tons of Grain Processed	
3-02-009-03	Brewing	---	---	---	---	---	---	---	1000 Gallons	
3-02-009-04	Aging	0.0	0.0	0.0	0.0	---	0.0	---	Barrel-Year of Stored Product	
3-02-009-05	Malt Dryer	0.045	---	---	---	---	---	---	Tons Grain Dried	
Whiskey Fermentation - 2085										
3-02-010-01	Grain Handling	3.0	0.45	0.0	0.0	0.0	0.0	---	Tons of Grain Processed	
3-02-010-02	Drying Spent Grains	5.0	3.0	---	---	2.6	---	---	Tons of Grain Processed	
3-02-010-03	Aging	0.0	---	---	---	10.0	---	---	Barrel (50 Gal)	
3-02-010-04	Fermentation Tank	---	0.0	---	---	3.0	---	---	1000 Gallons Produced	
Wines, Brandy, and Brandy Spirits - 2084										
3-02-011-03	Aging	0.0	0.0	0.0	0.0	0.0	0.0	---	Barrel-Year of Stored Product	
3-02-011-04	Fermentation Tank	---	---	---	---	3.0	---	---	1000 Gallons Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Wines, Brandy, and Brandy Spirits - 2084										
3-02-011-05	Fermentation at 52 F	---	---	---	---	1.06	---	---	1000 Gallons Produced	
3-02-011-06	Fermentation at 80 F	---	---	---	---	4.79	---	---	1000 Gallons Produced	
3-02-011-99	Other Not Classified	0.0	XXX	XXX	XXX	XXX	XXX	XXX	Gallons Produced	
Fish Processing - 2077, 2091										
3-02-012-01	Cookers: Fresh Fish Scrap	0.0	0.0	---	---	0.03	---	---	Tons Fish Meal Produced	
3-02-012-02	Cookers: Stale Fish Scrap	0.0	0.0	---	---	3.5	---	---	Tons Fish Meal Produced	
3-02-012-04	Canning Cookers	0.0	0.0	---	---	1.5	---	---	Tons Fish Processed	
3-02-012-05	Steam Tube Dryer	5.0	1.05	---	---	3.5	---	---	Tons Fish Scrap	
3-02-012-06	Direct Fired Dryer	8.0	1.68	---	---	6.5	---	---	Tons Fish Scrap	
Meat Smokehouses - 2012, 2013										
3-02-013-01	Combined Operations	0.3	0.28	1.0	0.7	0.07	0.6	---	Tons Meat Smoked	
Starch Manufacturing - 2036										
3-02-014-01	Combined Operations	8.0	4.9	---	120.0	250.0	---	---	Tons Starch Produced	
Sugar Cane Processing - 2061, 2062										
3-02-015-01	General	---	---	---	---	---	---	---	Tons Sugar Produced	
3-02-015-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Sugar Beet Processing - 2063										
3-02-016-01	Dryer	---	---	0.41	0.06	0.2	---	---	Tons Raw Beets	
3-02-016-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Raw Beets	
Peanut Processing - 2076, 2079, 2099										
3-02-017-99	Other Not Classified	XXX	XXX	XXX	0.06	XXX	XXX	XXX	Tons Processed	
Candy Manufacturing - 2064, 2066										
3-02-018-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Product	
Vegtable Oil Processing - 2046, 2074, 2076, 2079										
3-02-019-06	Corn Oil: General	---	---	---	---	19.0	---	---	Tons Extractor Feed	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Vegtable Oil Processing - 2046, 2074, 2076, 2079										
3-02-019-07	Cottonseed Oil: General	---	---	---	---	18.0	---	---	Cake Tons Extractor Feed	
3-02-019-08	Soybean Oil: General	---	---	---	---	16.0	---	---	Cake Tons Extractor Feed	
3-02-019-09	Peanut Oil: General	---	---	---	---	21.0	---	---	Cake Tons Extractor Feed	
Veg. Oil Processing - General Processes - 2046, 2074, 2076, 2079									Cake	
3-02-019-16	Oil Extraction	---	---	---	---	17.0	---	---	Tons Extractor Feed	
3-02-019-17	Meal Preparation	---	---	---	---	1.6	---	---	Cake Tons Extractor Feed	
3-02-019-18	Oil Refining	---	---	---	---	0.7	---	---	Cake Tons Extractor Feed	
3-02-019-19	Fugitive Leaks	---	---	---	---	1.7	---	---	Cake Tons Extractor Feed	
3-02-019-20	Solvent Storage	---	---	---	---	0.15	---	---	Cake Tons Raw Seed Processed	
3-02-019-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Refined Oil Produced	
Beef Cattle Feedlots - 0211										
3-02-020-01	Feed Lots: General	102.2	65.7	---	---	---	---	---	Head of Cattle Capacity	
3-02-020-02	Feed Lots: General	54.0	34.0	---	---	---	---	---	Head of Cattle Throughput	
Poultry and Egg Production - 0254										
3-02-021-01	Manure Handling: Dry	---	---	---	---	0.0	---	---	Number of Chickens-Capacity	
3-02-021-02	Manure Handling: Dry	---	---	---	---	0.0	---	---	Number of Chickens-Thruput	
3-02-021-05	Manure Handling: Wet	---	---	---	---	0.0	---	---	Number of Chickens-Capacity	
3-02-021-06	Manure Handling: Wet	---	---	---	---	0.0	---	---	Number of Chickens-	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Poultry and Egg Production - 0254										
									Thruput	
Cotton Seed Delinting - 0723										
3-02-022-01	Acid Delinting of Cotton Seeds	---	---	---	---	---	---	---	Tons Cottonseed Delinted	
Seed Production and Processing - 0180, 5191										
3-02-026-01	Seed Handling: General	---	---	0.0	0.0	0.0	---	---	Tons Processed	
Mushroom Growing - 0182										
3-02-028-01	General	---	---	---	---	---	---	---	Tons Produced	
Dariy Products - 2021, 2022, 2023, 2024, 2026										
3-02-030-01	Milk: Spray Dryer	---	---	0.0	---	---	---	---	Tons Product	
3-02-030-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Product	
Export Grain Elevators - 4491, 4221 (k)										
3-02-031-03	Cleaning	3.0	0.45	0.0	0.0	0.0	0.0	---	Tons Grain Processed	
3-02-031-04	Drying	1.1	0.33	---	---	---	---	---	Tons Grain Processed	
3-02-031-05	Unloading	1.0	0.18	0.0	0.0	0.0	0.0	---	Tons Grain Processed	
3-02-031-06	Loading	1.0	0.42	0.0	0.0	0.0	0.0	---	Tons Grain Processed	
3-02-031-07	Removal from Bins (Tunnel Belt)	1.4	0.4	0.0	0.0	0.0	0.0	---	Tons Grain Processed	
3-02-031-08	Elevator Legs (Headhouse)	1.5	0.45	0.0	0.0	0.0	0.0	---	Tons Grain Processed	
3-02-031-09	Tripper (Gallery Belt)	1.0	0.3	0.0	0.0	0.0	0.0	---	Tons Grain Processed	
3-02-031-10	Removal from Bins (Tunnel Belt)	1.7	0.5	0.0	0.0	0.0	0.0	---	Tons of Grain Shipped or Received	
3-02-031-11	Elevator Legs (Headhouse)	3.3	1.0	0.0	0.0	0.0	0.0	---	Tons of Grain Shipped or Received	
Bakeries - 2051, 2052										
3-02-032-01	Bread Baking: Sponge-Dough Process	0.0	0.0	0.0	0.0	13.0	0.0	---	Tons of Bread Baked	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Bakeries - 2051, 2052										
3-02-032-02	Bread Baking: Straight-Dough Process	0.0	0.0	0.0	0.0	1.0	0.0	---	Tons of Bread Baked	
3-02-032-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Product	
Tobacco Processing - 2111, 2121, 2131, 2141										
3-02-033-99	Other Not Classified	XXX	XXX	0.48	XXX	0.34	XXX	XXX	Tons Product	
Deep Fat Frying - 2099, 2017, 2051, 2092										
3-02-036-01	Cooking Vats: General	---	---	0.0	0.0	18.5	---	---	Tons Processed	
Animal/Poultry Rendering - 2077										
3-02-038-01	General	---	---	---	---	---	---	---	Tons Processed	
Carob Kibble - 2041										
3-02-039-01	Roaster	6.0	0.72	---	---	---	---	---	Tons Roasted	
Cereal - 2043										
3-02-040-01	Dryer	---	0.66	---	---	---	---	---	Tons Dried	
Fugitive Emissions - 2000										
3-02-888-01	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-02-888-02	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-02-888-03	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-02-888-04	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-02-888-05	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
Other Not Classified - 2000										
3-02-999-98	Other Not Classified	---	---	---	---	---	---	---	Tons Processed	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Other Not Classified - 2000										
3-02-999-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	(Input) Tons Produced (Finished)	
FOOD AND AGRICULTURE - FUEL FIRED EQUIPMENT										
Process Heaters 2000										
3-02-900-01	Distillate Oil (No. 2)	---	---	143.6 S	20.0	0.2	---	---	1000 Gallons Burned	
3-02-900-02	Residual Oil	---	---	158.6 S	55.0	0.28	---	---	1000 Gallons Burned	
3-02-900-03	Natural Gas	---	---	0.6	140.0	2.8	---	---	Million Cubic Feet Burned	
PRIMARY METAL PRODUCTION - MAJOR GROUPS 10 & 33										
Aluminum Ore - Bauxite - 1099										
3-03-000-01	Crushing/Handling	6.0	5.1	0.0	0.0	0.0	0.0	---	Tons of Ore	
3-03-000-02	Drying Oven	1.2	0.7	1.4	---	0.004	---	---	Tons of Ore	
3-03-000-03	Fine Ore Storage	---	---	---	---	---	---	---	Tons Handled	
Aluminum Ore: Electro-Reduction - 3334										
3-03-001-01	Prebaked Reduction Cell	94.0	54.5	57.3 (c)	0.003	0.1	369.0 (c)	---	Tons of Molten Aluminum Produced	
3-03-001-02	Horizontal Stud Soderberg Cell	98.0	56.8	10.0 (c)	---	1.0	244.0 (c)	---	Tons of Molten Aluminum Produced	
3-03-001-03	Vertical Stud Soderberg Cell	78.0	71.8	17.0 (c)	---	1.0	349.0 (c)	---	Tons of Molten Aluminum Produced	
3-03-001-04	Materials Handling	10.0	5.8	0.0	0.0	0.0	---	---	Tons of Molten Aluminum Produced	
3-03-001-05	Anode Baking Furnace	3.0	2.8	2.7 (c)	---	1.0	66.0 (c)	---	Tons of Molten Aluminum Produced	
3-03-001-06	Degassing	---	---	0.0	0.0	0.0	0.0	---	Tons of Molten Aluminum Produced	
3-03-001-07	Roof Vents	---	---	---	---	2.7	---	---	Tons of Molten Aluminum Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Aluminum Ore: Electro-Reduction - 3334										
3-03-001-08	Prebake: Fugitive Emissions	5.0	2.9	---	---	0.0	---	---	Tons of Molten Aluminum Produced	
3-03-001-09	H.S.S.: Fugitive Emissions	10.0	3.1	---	---	0.0	---	---	Tons of Molten Aluminum Produced	
3-03-001-10	V.S.S.: Fugitive Emissions	12.0	3.7	---	---	0.0	---	---	Tons of Molten Aluminum Produced	
3-03-001-11	Anode Baking: Fugitive Emissions	---	---	---	---	0.0	---	---	Tons of Molten Aluminum Produced	
Aluminum Hydroxide Calcing - 3334										
3-03-002-01	Overall Process	200.0	24.0	27.8	1.5	0.02	---	---	Tons of Alumina Produced	
By-Product Coke Manufacturing - 3312										
3-03-003-02	Oven Charging	0.48	0.01	0.02	0.03	2.5	0.6	---	Tons of Coal Charged	
3-03-003-03	Oven Pushing	1.15	0.5	3.3	0.03	0.2	0.07	---	Tons of Coal Charged	
3-03-003-04	Quenching	5.24	1.2	0.4	0.6	0.02	---	---	Tons of Coal Charged	
3-03-003-05	Coal Unloading	0.00011	---	0.0	0.0	0.0	0.0	---	Tons of Coal Charged	
3-03-003-06	Oven Underfiring	0.58	0.45	4.0	0.04	2.0	---	---	Tons of Coal Charged	
3-03-003-07	Coal Crushing/ Handling	(m) ---	---	0.0	0.0	0.0	0.0	---	Tons of Coal Charged	
3-03-003-08	Oven/Door Leaks	0.51	0.48	0.1	0.01	1.5	0.6	---	Tons of Coal Charged	
3-03-003-09	Coal Conveying	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-03-003-10	Coal Crushing	0.11	0.05	0.0	0.0	0.0	0.0	---	Tons Processed	
3-03-003-11	Coal Screening	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-03-003-12	Coke: Crushing/ Screening/Handling	0.09 (c)	0.04	0.0	0.0	0.0	0.0	---	Tons Processed	
3-03-003-13	Coal Preheater	3.5	3.4	---	---	0.3	---	---	Tons of Coal Charged	
3-03-003-14	Topside Leaks	0.09 (c)	0.08	0.1	0.01	1.5	---	---	Tons of Coal Charged	
3-03-003-15	Gas By-Product Plant	---	---	---	---	---	---	---	Million Cubic Feet Gas Processed	
3-03-003-16	Coal Storage Pile	---	---	0.0	0.0	0.0	0.0	---	Tons of Coal Charged	
Coke Manufacture: Beehive Process - 3312										
3-03-004-01	General	200.0	97.8	0.0	0.0	8.0	1.0	---	Tons of Coal Charged	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Primary Copper Smelting - 3331										
3-03-005-02	Multiple Hearth Roaster	45.0	23.8	280.0	3.6	0.009	---	0.0536	Tons of Concentrated Ore Processed	
3-03-005-03	Reverberatory Smelting Furnace after Roaster	50.0	13.5	180.0	5.8	0.015	---	0.0579	Tons of Concentrated Ore Processed	
3-03-005-04	Converter (All Configurations)	36.0	21.2	623.0	0.0	0.0	---	0.1233	Tons of Concentrated Ore Processed	
3-03-005-05	Fire (Furnace) Refining	10.0	9.2	0.0	---	0.0	---	---	Tons of Concentrated Ore Processed	
3-03-005-06	Ore Concentrate Dryer	10.0	4.8	1.0	---	0.004	---	---	Tons of Concentrated Ore Processed	
3-03-005-07	Reverb. Smelt. Furnace w/ Ore Charge w/o Roasting	50.0	13.5	320.0	10.3	0.03	---	---	Tons of Concentrated Ore Processed	
3-03-005-08	Refined Metal Finishing Operations	---	---	0.0	0.0	0.0	---	---	Tons of Concentrated Ore Processed	
3-03-005-09	Fuidized Bed Roaster	55.0	29.2	360.0	---	0.0	---	---	Tons of Concentrated Ore Processed	
3-03-005-10	Electric Smelting Furnace	100.0	58.0	240.0	---	0.0	---	---	Tons of Concentrated Ore Processed	
3-03-005-11	Electrolytic Refining	---	---	0.0	0.0	0.0	---	---	Tons of Concentrated Ore Processed	
3-03-005-12	Flash Smelting	140.0	83.0	820.0	---	0.0	---	---	Tons of Concentrated Ore Processed	
3-03-005-13	Roasting: Fugitive Emissions	2.6	1.4	1.0	---	0.0	---	---	Tons of Concentrated Ore Processed	
3-03-005-14	Reverberatory Furnace: Fugitive Emissions	0.4	0.17	4.0	---	0.0	---	---	Tons of Concentrated Ore Processed	
3-03-005-15	Converter: Fugitive Emissions	4.4	2.6	130.0	---	0.0	---	---	Tons of Concentrated Ore Processed	
3-03-005-16	Anode Refining Furnace: Fugitive Emissions	0.5	0.46	0.1	---	0.0	---	---	Tons of Concentrated Ore Processed	
3-03-005-17	Slag Cleaning	8.0	7.7	6.0	---	0.0	---	---	Tons of Concentrated	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Primary Copper Smelting - 3331										
	Furnace: Fugitive Emissions								Ore Processed	
3-03-005-18 -	Converter Slag Return: Fugitive Emissions	---	---	0.1	---	0.0	---	---	Tons of Concentrated Ore Processed	
3-03-005-19 -	Unpaved Road Traffic: Fugitive Emissions	---	---	---	---	---	---	---	Vehicle-Miles Travelled	
3-03-005-21 -	Noranda Reactor	---	---	---	---	0.0	---	---	Tons of Concentrated Ore Processed	
3-03-005-22 -	Slag Cleaning Furnace	10.0	9.6	7.5	---	0.0	---	---	Tons of Concentrated Ore Processed	
3-03-005-23 -	Reverberatory Furnace w/ Converter	50.0	13.5	320.0	---	0.0	---	---	Tons of Concentrated Ore Processed	
3-03-005-25 -	Fluid Bed Roaster w/ Reverb. Furnace and Converter	55.0	29.2	360.0	---	0.0	---	---	Tons of Concentrated Ore Processed	
3-03-005-26 -	Concentrate Dryer w/ Elect. Furn., Cleaning Furn. & Convertor	10.0	4.8	1.0	---	0.0	---	---	Tons of Concentrated Ore Processed	
3-03-005-27 -	Concentrate Dryer w/ Flash Furnace and Converter	10.0	4.8	1.0	---	0.0	---	---	Tons of Concentrated Ore Processed	
3-03-005-28 -	Norander Reactor and Converter	---	---	---	---	0.0	---	---	Tons of Concentrated Ore Processed	
3-03-005-29 -	Multiple Hearth Roaster w/ Reverb. Furnace + Converter	45.0	23.8	280.0	---	---	---	---	Tons of Concentrated Ore Processed	
3-03-005-30 -	Fluid Bed Roaster w/ Electric Furnace & Converter	55.0	29.2	600.0	---	---	---	---	Tons of Concentrated Ore Processed	
3-03-005-31 -	Reverberatory Furnace after Multiple Hearth Roast.	50.0	13.5	180.0	---	---	---	---	Tons of Concentrated Ore Processed	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Primary Copper Smelting - 3331										
3-03-005-32	Reverberatory Furnace after Fluid Bed Roaster	50.0	13.5	160.0	---	---	---	---	Tons of Concentrated Ore Processed	
3-03-005-33	Electric Furnace after Concentrate Dryer	100.0	58.0	240.0	---	---	---	---	Tons of Concentrated Ore Processed	
3-03-005-34	Flash Furnace after Concentrate Dryer	140.0	83.0	820.0	---	---	---	---	Tons of Concentrated Ore Processed	
3-03-005-35	Electric Furnace after Fluid Bed Roaster	100.0	58.0	90.0	---	---	---	---	Tons of Concentrated Ore Processed	
3-03-005-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons of Concentrated Ore Processed	
Ferroalloy - Open Furnace - 3313										
3-03-006-01	50% FeSi: Electric Smelting Furnace	70.0	44.0	0.07	0.1	4.5	---	0.29	Tons Produced	
3-03-006-02	75% FeSi: Electric Smelting Furnace	316.0	199.0	0.07	0.1	4.5	---	---	Tons Produced	
3-03-006-03	90% FeSi: Electric Smelting Furnace	564.0	355.0	0.07	0.1	4.5	---	---	Tons Produced	
3-03-006-04	Silicon Metal: Electic Smelting Furnace	872.0	750.0	0.07	0.1	72.0	---	0.0031	Tons Produced	
3-03-006-05	Silicomanaganese: Electric Smelting Furnace	192.0	177.0	0.07	0.1	4.5	---	0.57	Tons Produced	
3-03-006-06	80% Ferromanganese	---	24.0	---	---	---	---	---	Tons Produced	
3-03-006-07	80% Ferrochromium	---	143.0	---	---	---	---	---	Tons Produced	
3-03-006-10	Ore Screening	---	---	---	0.0	0.0	---	---	Tons Processed	
3-03-006-11	Ore Dryer	---	---	---	---	0.004	---	---	Tons Processed	
3-03-006-13	Raw Material Storage	---	---	---	---	0.0	---	---	Tons Processed	
3-03-006-14	Raw Material Transfer	---	---	---	---	0.0	---	---	Tons Processed	
3-03-006-15	Ferromanaganese:	---	---	---	---	16.0	---	---	Tons Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Ferroalloy - Open Furnace - 3313										
3-03-006-16	Blast Furnace - Ferrosilicon: Blast Furnace	---	---	---	---	16.0	---	---	Tons Produced	
3-03-006-17	Cast House	---	---	---	---	2.8	---	---	Tons Produced	
3-03-006-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Ferroalloy - Semi-Covered Furnace - 3313										
3-03-007-01	Ferromanganese: Electric Arc Furnace	12.0	7.56	0.02	0.1	1.4	---	0.11	Tons Produced	
3-03-007-02	Electric Arc Furnace: Other Alloys/Specify	---	---	---	---	---	---	---	Tons Produced	
3-03-007-03	Ferrochromium: Electric Arc Furnace	---	---	---	---	8.2	---	---	Tons Produced	
3-03-007-04	Ferrochromium Silicon: Electric Arc Furnace	---	---	---	---	8.2	---	---	Tons Produced	
Iron Production - Blast Furnaces - 3312										
3-03-008-01	Ore Charging	110.0 (c)	41.8	0.0	0.0	0.0	1750.0 (c)	0.091	Tons Iron Produced	
3-03-008-02	Agglomerate Charging	40.0 (c)	15.2	0.0	0.0	0.0	0.0	0.033	Tons Iron Produced	
Iron Production - Blast Furnace Slag - 3312										
3-03-008-04	Loader: Hi-Silt	0.026 (c)	---	0.0	0.0	0.0	0.0	---	Tons Slag Transferred	
3-03-008-05	Loader: Low-Silt	0.0088 (c)	---	0.0	0.0	0.0	0.0	---	Tons Slag Transferred	
3-03-008-08	Slag Crushing and Sizing	---	---	0.0	0.0	0.0	---	---	Tons Processed	
3-03-008-09	Slag Removal and Dumping	---	---	0.0	0.0	0.0	---	---	Tons Processed	
Iron Production - Sintering - 3312										
3-03-008-11	Raw Mat. St'kpiles, Coke Breeze, Limestone, Ore Fines	---	---	---	---	4.8	---	---	Tons Produced	
3-03-008-12	Raw Material Transfer/Handling	---	---	---	---	0.0	---	---	Tons Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Iron Production - Sintering - 3312										
3-03-008-13	Windbox	11.1	1.67	2.5 (c)	0.3	1.4 (c)	44.0	---	Tons Produced	
3-03-008-14	Discharge End	6.8	1.02	0.0	0.0	0.0	---	---	Tons Produced	
3-03-008-15	Sinter Breaker	---	---	---	---	0.0	---	---	Tons Produced	
3-03-008-16	Hot Screening	---	---	0.0	0.0	0.0	---	---	Tons Produced	
3-03-008-17	Cooler	3.0 (c)	0.45	0.14	0.0	0.0	---	---	Tons Produced	
3-03-008-18	Cold Screening	---	---	0.0	0.0	0.0	---	---	Tons Produced	
3-03-008-19	Sinter Process (Combined Code includes 15, 16,17,18)	0.8 (c)	0.12	---	---	0.05	---	---	Tons Produced	
3-03-008-20	Sinter Converor: Transfer Station	0.17 (c)	0.013	0.0	0.0	0.0	0.0	---	Tons Sinter Transferred	
Iron Production - Blast Furnaces - 3312										
3-03-008-21	Unload Ore, Pellets, Limestone, into Blast Furn.	0.0024 (c)	---	0.0	0.0	0.0	0.0	---	Tons Ore Transferred	
3-03-008-22	Raw Mat'l Stkpl: Ore, Pellets, Limestone, Coke, Sinter	---	---	---	---	4.8	---	---	Tons Processed	
3-03-008-23	Charge Materials: Transfer/Handling	---	---	---	---	0.0	---	---	Tons Processed	
3-03-008-24	Blast Heating Stoves	---	---	---	---	0.01	---	---	Tons Processed	
3-03-008-25	Cast House	0.6	0.31	3.0	0.03	2.8	---	---	Tons Processed	
3-03-008-26	Blast Furnace Slips	87.0	33.0	---	---	0.0	---	---	Number of Slips	
3-03-008-27	Lump Ore Unloading	0.0003 (c)	---	0.0	0.0	0.0	0.0	---	Tons Ore Transferred	
Iron Prod. - Fugitive Emissions: Roads - 3312										
3-03-008-31	Unpaved Roads: LDV	1.8	1.0	0.0	0.0	0.0	0.0	---	Vehicle-Miles Traveled	
3-03-008-32	Unpaved Roads: MDV	7.3	4.1	0.0	0.0	0.0	0.0	---	Vehicle-Miles Traveled	
3-03-008-33	Unpaved Roads: HDV	14.0	7.6	0.0	0.0	0.0	0.0	---	Vehicle-Miles Traveled	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Iron Prod. - Fugitive Emissions: Roads - 3312										
3-03-008-34	Paved Roads: All Vehicle Types	0.78	0.44	0.0	0.0	0.0	0.0	---	Vehicle-Miles Traveled	
Iron Prod. - Miscellaneous Matl. Handlng - 3312										
3-03-008-41	Flue Dust Unloading	---	---	---	---	---	---	---	Tons Material Transferred	
3-03-008-42	Blended Ore Unloading	---	---	---	---	---	---	---	Tons Material Transferred	
Steel Production - 3312										
3-03-009-01	Open Hearth Furnace: Stack	21.1	17.5	1.4	---	0.17	---	0.14	Tons Produced	
3-03-009-04	Electric Arc Furnace: Alloy Steel (Stack)	11.3	6.55	0.7	0.1	0.35	18.0	0.22	Tons Produced	
3-03-009-06	Charging: Electric Arc Furnace	---	---	---	---	0.001	---	---	Tons Produced	
3-03-009-07	Tapping: Electric Arc Furnace	---	---	---	---	0.002	---	---	Tons Produced	
3-03-009-08	Electric Arc Furnace: Carbon Steel (Stack)	50.0	29.0	0.7	0.1	0.35	18.0	---	Tons Produced	
3-03-009-10	Pickling	---	---	0.0	0.0	0.0	---	---	Tons Produced	
3-03-009-11	Soaking Pits	---	---	0.0	0.0	0.02	---	---	Tons Produced	
3-03-009-12	Grinding	---	---	0.0	0.0	0.0	---	---	Tons Produced	
3-03-009-13	Basic Oxygen Furnace: Open Hood-Stack	28.5	13.1	---	0.08	0.001	139.0	0.2	Tons Produced	
3-03-009-14	Basic Oxygen Furnace: Closed Hood-Stack	28.5	13.1	---	---	0.001	139.0	0.2	Tons Produced	
3-03-009-15	Hot Metal (Iron) Transfer to Steelmaking Furnace	0.19	0.09	---	---	0.001	---	---	Tons Produced	
3-03-009-16	Charging: BOF	0.6	0.3	---	---	0.001	---	---	Tons Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Steel Production - 3312										
3-03-009-17	Tapping: BOF	0.92	0.4	---	0.02	0.002	---	---	Tons Produced	
3-03-009-18	Charging: Open Hearth	---	---	---	---	0.001	---	---	Tons Produced	
3-03-009-19	Tapping: Open Hearth	---	---	---	---	0.002	---	---	Tons Produced	
3-03-009-20	Hot Metal Desulfurization	---	0.22	---	---	---	---	---	Tons Processed	
3-03-009-21	Teeming (Unleaded Steel)	0.07	0.03	---	---	0.002	---	---	Tons Produced	
3-03-009-22	Continuous Casting	---	---	---	0.05	0.0	---	---	Tons Produced	
3-03-009-23	Steel Furnace Slag Tapping and Dumping	---	---	---	---	0.002	---	---	Tons Produced	
3-03-009-24	Steel Furnace Slag Processing	---	---	0.0	0.0	0.0	---	---	Tons Produced	
3-03-009-25	Teeming (Leaded Steel)	0.81	0.36	---	---	0.002	---	---	Tons Produced	
3-03-009-31	Hot Rolling	---	---	---	---	0.08	---	---	Tons Produced	
3-03-009-32	Scarfing	0.1	0.1	0.0	0.0	0.0	---	---	Tons Produced	
3-03-009-33	Reheat Furnaces	---	---	0.8	0.8	0.01	---	---	Tons Produced	
3-03-009-34	Heat Treating Furnaces: Annealing	---	---	---	0.1	0.004	---	---	Tons Produced	
3-03-009-35	Cold Rolling	---	---	---	---	0.56	---	---	Tons Produced	
3-03-009-36	Coating: Tin, Zinc, etc.	---	---	---	1.9	0.07	---	---	Tons Produced	
3-03-009-98	Other Not Classified	---	---	---	---	---	---	---	Each	
3-03-009-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Lead Production - 3339										
3-03-010-01	Sintering: Single Stream	106.5	104.4	275.0	---	0.0	---	105.0	Tons of Concentrated Ore Processed	
3-03-010-02	Blast Furnace Operation	180.5	160.6	22.5	---	0.0	---	35.0	Tons of Concentrated Ore Processed	
3 93-010-03	Dross Reverberatory Furnace	20.0	19.6	0.0	---	0.0	---	2.9	Tons of Concentrated Ore Processed	
3-03-010-04	Ore Crushing	2.0	1.7	0.0	0.0	0.0	0.0	0.3	Tons of Ore Crushed	
3-03-010-05	Materials Handling	5.0	4.25	0.0	0.0	0.0	---	---	Tons of Lead Product	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Lead Production - 3339										
	(Includes 11, 12, 13, 04, 14)									
3-03-010-06	Sintering: Dual Stream Feed End	213.0	181.0	550.0	---	0.0	---	---	Tons of Concentrated Ore Processed	
3-03-010-07	Sintering: Dual Stream Discharge End	---	---	---	---	0.0	---	---	Tons of Concentrated Ore Processed	
3-03-010-08	Slag Fume Furnace	4.6	1.29	2.9	---	0.0	---	---	Tons of Lead Product	
3-03-010-09	Lead Drossing	0.48	0.47	0.01	12.8	0.03	---	---	Tons of Lead Product	
3-03-010-10	Raw Material Crushing and Grinding	1.0	0.85	0.0	0.0	0.0	---	---	Tons Processed	
3-03-010-11	Raw Material Unloading	0.4 (c)	0.34	0.0	0.0	0.0	---	---	Tons of Raw Material	
3-03-010-12	Raw Material Storage Piles	0.3 (c)	0.26	0.0	0.0	0.0	---	---	Tons of Raw Material	
3-03-010-13	Raw Material Material Transfer	0.5	0.43	0.0	0.0	0.0	---	---	Tons of Raw Material	
3-03-010-14	Sintering Charge Mixing	2.26	1.9	---	---	0.0	---	---	Tons of Raw Material	
3-03-010-15	Sinter Crushing/ Screening	1.5	0.12	0.0	0.0	0.0	---	---	Tons of Sinter	
3-03-010-16	Sinter Transfer	0.2	0.015	0.0	0.0	0.0	---	---	Tons of Sinter	
3-03-010-17	Sinter Fines Return Handling	9.0	4.8	---	---	0.0	---	---	Tons of Sinter	
3-03-010-18	Blast Furnace Charging	---	---	---	---	0.0	---	---	Tons of Lead Product	
3-03-010-19	Blast Furnace Tapping (Metal and Slag)	0.16	0.07	---	---	0.0	---	---	Tons of Lead Product	
3-03-010-20	Blast Furnace Lead Pouring	0.93	0.93	---	---	0.0	---	---	Tons of Lead Product	
3-03-010-21	Blast Furnace Slag Pouring	0.47	0.13	---	---	0.0	---	---	Tons of Lead Product	
3-03-010-22	Lead Refining/ Silver Retort	1.8	1.76	0.0	0.0	0.0	---	---	Tons of Lead Product	
3-03-010-23	Lead Casting	0.87	0.85	---	---	0.0	---	---	Tons of Lead Product	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Lead Production - 3339										
3-03-010-24	Reverberatory or Kettle Softening	3.0	2.94	---	---	0.0	---	---	Tons of Lead Product	
3-03-010-25	Sinter Machine Leakage	0.68 (c)	0.67	---	---	0.0	---	---	Tons of Sinter	
3-03-010-26	Sinter Dump Area	0.01 (c)	0.0008	---	---	0.0	---	---	Tons of Sinter	
3-03-010-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons of Concentrated Ore Processed	
Molybedenum Ore Mining - 1061										
3-03-011-01	Mining: General	---	---	0.0	0.0	0.0	0.0	---	Hundreds of Tons Mined	
3-03-011-02	Milling: General	---	---	0.0	0.0	0.0	0.0	---	Hundreds of Tons Produced	
3-03-011-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Hundreds of Tons Produced	
Titanium Processing - 3339, 3369, 3356, 3364										
3-03-012-01	Chlorination	---	---	0.0	0.0	0.0	---	---	Tons Product	
3-03-012-02	Drying Titanium Sand Ore (Cyclone Exit)	0.5	0.43	---	---	0.004	---	---	Tons of Ore Processed	
3-03-012-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Gold Processing - 1041, 3341, 3339										
3-03-013-01	General	---	---	0.0	0.0	0.0	0.0	---	Tons of Ore Processed	
Barium Ore Processing - 3295										
3-03-014-01	Ore Grinding	---	---	0.0	0.0	0.0	---	---	Tons Processed	
3-03-014-02	Reduction Kiln	---	---	0.0	0.42	0.04	---	---	Tons Processed	
3-03-014-03	Dryers/Calciners	---	---	---	---	0.004	---	---	Tons Processed	
3-03-014-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Taconite Iron Ore Processing - 1011										
3-03-023-01	Primary Crushing	0.2	0.1	0.0	0.0	0.0	---	---	Tons Pellets Produced	
3-03-023-02	Fines Crushing	79.8	67.8	0.0	0.0	0.0	---	---	Tons Pellets Produced	
3-03-023-03	Ore Screening	---	0.05	0.0	0.0	0.0	---	---	Tons Pellets Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Taconite Iron Ore Processing - 1011										
3-03-023-04	Ore Transfer	0.1	0.085	0.0	0.0	0.0	---	---	Tons Pellets Produced	
3-03-023-05	Ore Storage	---	---	0.0	0.0	0.0	---	---	Tons Pellets Produced	
3-03-023-06	Dry Grinding/Milling	---	---	0.0	0.0	0.0	---	---	Tons Pellets Produced	
3-03-023-07	Bentonite Storage	0.04	0.03	0.0	0.0	0.0	---	---	Tons Pellets Produced	
3-03-023-08	Bentonite Blending	0.22	0.19	0.0	0.0	0.0	---	---	Tons Pellets Produced	
3-03-023-09	Traveling Grate Feed	0.64	0.54	0.0	0.0	0.0	---	---	Tons Pellets Produced	
3-03-023-10	Traveling Grate Discharge	1.32	0.7	0.0	0.0	0.0	---	---	Tons Pellets Produced	
3-03-023-11	Chip Regrinding	---	---	0.0	0.0	0.0	---	---	Tons Pellets Produced	
3-03-023-12	Indurating Furnace: Gas Fired	29.2	24.8	0.06	1.6	0.004	---	---	Tons Pellets Produced	
3-03-023-13	Indurating Furnace: Oil Fired	29.2	24.8	0.13	0.2	0.003	---	---	Tons Pellets Produced	
3-03-023-14	Indurating Furnace: Coal Fired	29.2	24.8	0.65	0.04	0.0002	---	---	Tons Pellets Produced	
3-03-023-15	Pellet Cooler	---	---	0.0	0.0	0.0	---	---	Tons Pellets Produced	
3-03-023-16	Pellet Transfer	3.4	---	0.0	0.0	0.0	---	---	Tons Pellets Produced	
3-03-023-21	Haul Road: Rock	11.0	6.2	0.0	0.0	0.0	0.0	---	Vehicle-Miles Traveled	
3-03-023-22	Haul Road: Taconite	9.3	5.2	0.0	0.0	0.0	0.0	---	Vehicle-Miles Traveled	
Metal Mining - General Processes - 1011, 1099 *(n)*										
3-03-024-01	Primary Crushing: Low Moisture Ore	0.5	0.05	0.0	0.0	0.0	---	---	Tons of Ore Processed	
3-03-024-02	Secondary Crushing: Low Moisture Ore	1.2	0.1	0.0	0.0	0.0	---	---	Tons of Ore Processed	
3-03-024-03	Tertiary Crushing: Low Moisture Ore	2.7	0.16	0.0	0.0	0.0	---	---	Tons of Ore Processed	
3-03-024-04	Material Handling: Low Moisture Ore	0.12	0.06	0.0	0.0	0.0	---	---	Tons of Ore Processed	
3-03-024-05	Primary Crushing: High Moisture Ore	0.02	0.009	0.0	0.0	0.0	---	---	Tons of Ore Processed	
3-03-024-06	Secondary Crushing: High Moisture Ore	0.05	0.02	0.0	0.0	0.0	---	---	Tons of Ore Processed	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Metal Mining - General Processes - 1011, 1099 (n)										
3-03-024-07	Tertiary Crushing: High Moisture Ore	0.06	0.02	0.0	0.0	0.0	---	---	Tons of Ore Processed	
3-03-024-08	Material Handling: High Moisture Ore	0.01	0.005	0.0	0.0	0.0	---	---	Tons of Ore Processed	
3-03-024-09	Dry Grinding w/ Air Conveying	28.8	20.2	0.0	0.0	0.0	---	---	Tons of Ore Processed	
3-03-024-10	Dry Grinding w/o Air Conveying	2.4	2.35	0.0	0.0	0.0	---	---	Tons of Ore Processed	
3-03-024-11	Ore Drying (p)	19.7	12.0	0.0	1.6	0.004	---	---	Tons of Ore Processed	
Zinc Production - 3339										
3-03-030-02	Multiple Hearth Roaster	227.0	---	1100.0	---	0.0	---	---	Tons of Concentrated Ore Processed	
3-03-030-03	Sinter Strand	90.0	---	0.65	---	0.0	---	38.0	Tons of Concentrated Ore Processed	
3-03-030-05	Vertical Retort/ Electrothermal Furnace	100.0	---	1.13	---	0.0	---	4.5	Tons of Concentrated Ore Processed	
3-03-030-06	Electrolytic Processor	3.0	---	---	0.0	0.0	---	---	Tons of Concentrated Ore Processed	
3-03-030-07	Flash Roaster	2000.0	---	404.4	---	0.0	---	---	Tons of Concentrated Ore Processed	
3-03-030-08	Fluid Bed Roaster	2167.0	---	223.5	---	0.0	---	---	Tons of Concentrated Ore Processed	
3-03-030-09	Raw Material Handling and Transfer	4.0	3.4	0.0	0.0	0.0	0.0	0.13	Tons Raw Material Processed	
3-03-030-10	Sinter Breaking and Cooling	1.5	1.3	0.0	0.0	0.0	0.0	---	Tons Sinter Processed	
3-03-030-11	Zinc Casting	2.5	2.1	0.0	0.0	0.0	0.0	---	Tons Zinc Produced	
3-03-030-12	Raw Material Unloading	0.4	0.23	0.0	0.0	0.0	0.0	0.13	Tons Raw Material Processed	
3-03-030-14	Crushing/Screening	---	---	0.0	0.0	0.0	0.0	---	Tons of Concentrated Ore Processed	
3-03-030-15	Zinc Melting	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Zinc Production - 3339										
3-03-030-16	Alloying	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
Fugitive Emissions - 1000, 3300										
3-03-888-01	Specify in Comments Field	---	---	---	---	---	---	0.00001	Tons Product	
3-03-888-02	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-03-888-03	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-03-888-04	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-03-888-05	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
Primary Metal Production: Other Not Classified - 1000, 3300										
3-03-999-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
PRIMARY METAL PRODUCTION - FUEL FIRED EQUIPMENT										
Process Heaters - 1000, 3300										
3-03-900-01	Distillate Oil (No. 2)	---	---	143.6 S	20.0	0.2	---	---	1000 Gallons Burned	
3-03-900-02	Residual Oil	---	---	158.6 S	55.0	0.28	---	---	1000 Gallons Burned	
3-03-900-03	Natural Gas	---	---	0.6	140.0	2.8	---	---	Million Cubic Feet Burned	
3-03-900-04	Process Gas	---	---	950.0 S	140.0	2.8	---	---	Million Cubic Feet Burned	
Incinerators - 1000, 3300										
3-03-900-11	Distillate Oil (No. 2)	---	---	---	---	0.4	---	---	1000 Gallons Burned	
3-03-900-12	Residual Oil	---	---	---	---	0.56	---	---	1000 Gallons Burned	
3-03-900-13	Natural Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
3-03-900-14	Process Gas	---	---	---	---	5.6	---	---	Million Cubic Feet	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Incinerators - 1000, 3300										
Flares - 1000, 3300									Burned	
3-03-900-21	Distillate Oil (No. 2)	---	---	---	---	---	---	---	1000 Gal. Burned	
3-03-900-22	Residual Oil	---	---	---	---	---	---	---	1000 Gal. Burned	
3-03-900-23	Natural Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
3-03-900-24	Process Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
SECONDARY METAL PRODUCTION - MAJOR GROUPS 33 & 34										
Secondary Aluminum Production - 3341, 3353, 3354, 3355, 3363, 3365										
3-04-001-01	Sweating Furnace	14.5	13.3	3.5	0.6	2.4	---	---	Tons Produced	
3-04-001-02	Smelting Furnace/ Crucible	1.9	1.7	2.5	1.7	2.5	---	---	Tons of Metal Produced	
3-04-001-03	Smelting Furnace/ Reverberatory	4.3	2.6	0.9	0.76	0.2	---	---	Tons of Metal Produced	
3-04-001-04	Fluxing: Chlorination	1000.0	532.0	0.0	0.0	0.0	0.0	---	Tons of Chlorine Used	
3-04-001-05	Fluxing: Fluoridation	---	---	0.0	0.0	0.0	---	---	Tons of Metal Produced	
3-04-001-06	Degassing	---	---	0.0	0.0	0.0	0.0	---	Tons of Metal Produced	
3-04-001-07	Hot Dross Processing	0.22	0.2	0.0	0.0	0.0	0.0	---	Tons of Metal Produced	
3-04-001-08	Crushing/Screening	---	---	0.0	0.0	0.0	0.0	---	Tons of Metal Produced	
3-04-001-09	Burning/Drying	---	---	3.0	0.5	32.0	---	---	Tons of Metal Produced	
3-04-001-10	Foil Rolling	---	---	---	---	1.3	0.0	---	Tons Product	
3-04-001-11	Foil Converting	---	---	---	---	2.4	0.0	---	Tons Produced	
3-04-001-12	Annealing Furnace	---	---	0.0	1.5	0.004	---	---	Tons of Metal Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Secondary Aluminum Production - 3341, 3353, 3354, 3355, 3363, 3365										
3-04-001-13	Slab Furnace	---	---	0.0	1.5	0.004	---	---	Tons of Metal Produced	
3-04-001-14	Pouring/Casting	---	---	0.02	0.01	0.14	---	---	Tons of Metal Charged	
3-04-001-20	Can Manufacture	---	---	---	0.7	300.0	0.0	---	Tons Produced	
3-04-001-50	Rolling/Drawing /Extruding	---	---	---	0.7	0.09	0.0	---	Tons Produced	
3-04-001-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Secondary Copper Production - 3341, 3364, 3366										
3-04-002-07	Scrap Dryer (Rotary)	275.0	253.0	1.5	18.0	0.004	---	---	Tons of Charge	
3-04-002-08	Wire Burning: Incinerator	275.0	253.0	12.8	1.7	0.6	---	---	Tons of Charge	
3-04-002-09	Sweating Furnace	15.0	13.8	---	---	0.12	---	---	Tons of Charge	
3-04-002-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Secondary Copper Production - Cupolas - 3341, 3364, 3369										
3-04-002-10	Charge w/ Scrap Copper	0.0003	0.00027	---	---	0.18	---	---	Tons of Charge	
3-04-002-11	Charge w/ Insulated Copper Wire	230.0	211.6	---	---	447.0	---	---	Tons of Coke-free Charge	
3-04-002-12	Charge w/ Scrap Copper and Brass	70.0	64.4	---	---	0.18	---	---	Tons of Charge	
Secondary Copper Production - Reverberatory Furnace - 3341, 3364, 3369										
3-04-002-14	Charge w/ Copper	5.1	5.1	---	---	5.2	---	---	Tons of Charge	
3-04-002-15	Charge w/ Brass and Bronze	36.0	21.2	---	0.08	5.2	---	---	Tons of Charge	
Secondary Copper Production - Rotary Furnace - 3341, 3364, 3369										
3-04-002-17	Charge w/ Brass and Bronze	300.0	177.0	---	0.6	2.4	---	---	Tons of Charge	
Secondary Copper Production - Crucible & Pot Furnace - 3341, 3364, 3369										
3-04-002-19	Charge w/ Brass and Bronze	21.0	12.4	0.5	---	6.7	---	---	Tons of Charge	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Secondary Copper Production - Electric Arc Furnace - 3341, 3364, 3369										
3-04-002-20	Charge w/ Copper	5.0	5.0	---	---	3.9	---	---	Tons of Charge	
3-04-002-21	Charge w/ Brass and Bronze	11.0	6.5	0.03	---	0.0	---	---	Tons of Charge	
Secondary Copper Production - Electric Induction - 3341, 3364, 3369										
3-04-002-23	Charge w/ Copper	7.0	7.0	---	---	0.0	---	---	Tons of Charge	
3-04-002-24	Charge w/ Brass and Bronze	20.0	20.0	0.03	---	0.0	---	---	Tons of Charge	
Secondary Copper Production - Fugitive Emissions - 3341, 3364, 3369										
3-04-002-30	Scrap Metal Pretreatment	---	---	0.0	0.0	0.0	---	---	Tons of Charge	
3-04-002-31	Scrap Dryer	13.75	8.2	0.0	0.0	0.0	---	---	Tons of Charge	
3-04-002-32	Wire Incinerator	13.75	8.2	0.0	0.0	0.0	---	---	Tons of Charge	
3-04-002-33	Sweating Furnace	0.75	0.45	0.0	0.0	0.0	---	---	Tons of Charge	
Secondary Copper Production- Fugitive Emissions - 3341, 3364, 3369										
3-04-002-34	Cupola Furnace	3.66	2.2	0.0	0.0	0.0	---	---	Tons of Charge	
Secondary Copper Production - Fugitive Emissions - 3341, 3364, 3369										
3-04-002-35	Reverberatory Furnace	5.27	3.1	0.0	0.0	0.0	---	---	Tons of Charge	
3-04-002-36	Rotary Furnace	4.43	2.6	0.0	0.0	0.0	---	---	Tons of Charge	
3-04-002-37	Crucible Furnace	0.49	0.29	0.0	0.0	0.0	---	---	Tons of Charge	
3-04-002-38	Electric Induction Furnace	0.14	0.08	0.0	0.0	0.0	---	---	Tons of Charge	
3-04-002-39	Casting Operations	0.015	0.015	---	---	---	---	---	Tons of Castings Produced	
Gray Iron Foundries - 3321										
3-04-003-01	Cupola	13.8	12.4	0.9	0.1	0.18	145.0	0.51	Tons of Metal Charged	
3-04-003-02	Reverberatory Furnace	2.1	1.7	180.0	5.8	0.15	0.0	0.06	Tons of Metal Charged	
3-04-003-03	Electric Induction Furnace	0.9	0.86	0.0	0.0	0.0	0.0	0.0425	Tons of Metal Charged	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Gray Iron Foundries - 3321										
3-04-003-04	Electric Arc Furnace	12.7	11.4	0.25	0.32	0.18	19.0	---	Tons of Metal Charged	
3-04-003-05	Annealing Operation	---	---	---	1.0	0.1	---	---	Tons Processed	
3-04-003-10	Inoculation	4.0	3.2	---	---	0.005	---	---	Tons of Metal Inoculated	
3-04-003-15	Charge Handling	0.6	0.36	0.0	0.0	0.0	---	---	Tons of Metal Charged	
3-04-003-20	Pouring/Casting	2.8	2.8	0.02	0.01	0.14	---	---	Tons of Metal Charged	
3-04-003-25	Castings Cooling	1.4	1.4	0.0	0.0	0.0	---	---	Tons of Metal Charged	
3-04-003-31	Casting Shakeout	3.2	2.24	0.0	0.0	1.2	---	---	Tons of Metal Charged	
3-04-003-32	Casting Knock Out	---	---	0.0	0.0	1.2	---	---	Tons of Metal Charged	
3-04-003-33	Shakeout Machine	---	---	0.0	0.0	1.2	---	---	Tons Sand Handled	
3-04-003-40	Grinding/Cleaning	17.0	1.7	0.0	0.0	0.0	0.0	---	Tons Sand Handled	
3-04-003-41	Casting Cleaning/ Tumblers	---	---	0.0	0.0	0.0	---	---	Tons of Metal Charged	
3-04-003-42	Casting Cleaning/ Chippers	---	---	0.0	0.0	0.0	---	---	Tons Castings Cleaned	
3-04-003-50	Sand Grinding / Handling	0.65 (c)	0.54	0.0	0.0	0.0	---	---	Tons Castings Cleaned	
3-04-003-51	Core Ovens	2.71 (c)	2.22	0.32	0.5	0.0008	---	---	Tons Sand Handled	
3-04-003-52	Sand Grinding / Handling	40.0	6.0	0.0	0.0	0.0	---	---	Tons Sand Handled	
3-04-003-53	Core Ovens	3.6	0.9	0.32	0.5	0.0008	---	---	Tons of Metal Charged	
3-04-003-54	Core Ovens	---	---	0.33	0.5	0.0008	---	---	Tons of Metal Charged	
3-04-003-55	Sand Dryer	---	---	0.0	1.6	0.004	---	---	Gallons of Core Oil Used	
3-04-003-56	Sand Silo	---	---	0.0	0.0	0.0	---	---	Tons Sand Handled	
3-04-003-57	Conveyors/Elevators	---	---	0.0	0.0	0.0	---	---	Tons Sand Handled	
3-04-003-58	Sand Screens	---	---	0.0	0.0	0.0	---	---	Tons Sand Handled	
3-04-003-60	Castings Finishing	0.01 (c)	0.0045	0.0	0.0	0.0	---	---	Tons Sand Handled	
3-04-003-70	Shell Core Machine	---	---	0.32	0.5	0.0008	---	---	Tons of Metal Charged	
3-04-003-71	Core Machines/Other	---	---	0.32	0.5	0.0008	---	---	Tons of Cores Produced	
3-04-003-98	Other Not Classified	---	---	---	---	---	---	---	Tons of Cores Produced	
3-04-003-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Gallons Tons of Metal Charged	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Secondary Lead Production - 3341, 3364										
3-04-004-01	Pot Furnace	0.8	0.2	0.0	0.0	0.0	0.0	0.2	Tons of Metal Charged	
3-04-004-02	Reverberatory Furnace	323.0	193.8	80.0	0.3	0.0	---	34.0	Tons of Metal Charged	
3-04-004-03	Blast Furnace (Cupola)	307.0	129.0	53.0	0.1	0.0	---	44.0	Tons of Metal Charged	
3-04-004-04	Rotary Sweating Furnace	70.0	64.0	---	---	0.0	---	16.1	Tons of Metal Charged	
3-04-004-05	Reverberatory Sweating Furnace	51.0	31.0	---	---	0.0	---	11.73	Tons of Metal Charged	
3-04-004-06	Pot Furnace Heater: Distillate Oil	---	---	144.0 S	20.0	0.2	---	---	1000 Gallons Burned	
3-04-004-07	Pot Furnace Heater: Natural Gas	---	---	0.6	140.0	2.8	---	---	Million Cubic Feet Burned	
3-04-004-08	Barton Process Reactor (Oxidation Kettle)	40.0	40.0	0.0	0.0	0.0	0.0	0.44	Tons Lead Oxide Produced	
3-04-004-09	Casting	0.87	0.87	0.0	0.0	0.0	0.0	0.2	Tons of Lead Cast	
3-04-004-10	Battery Breaking	---	---	0.0	0.0	0.0	0.0	---	Tons of Metal Charged	
3-04-004-11	Scrap Crushing	---	---	0.0	0.0	0.0	0.0	---	Tons of Metal Charged	
3-04-004-12	Sweating Furnace: Fugitive Emissions	2.55	2.35	---	---	0.0	---	1.1	Tons of Metal Charged	
3-04-004-13	Smelting Furnace: Fugitive Emissions	16.5	10.0	---	---	0.0	---	2.1	Tons of Metal Charged	
3-04-004-14	Kettle Refining: Fugitive Emissions	0.002	0.002	---	---	0.0	---	0.01	Tons of Metal Charged	
3-04-004-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	0.0001	Tons Processed	
Lead Battery Manufacture - 3691										
3-04-005-05	Overall Process	139.0	125.0	0.0	0.0	0.0	0.0	15.3	1000 Batteries Produced	
3-04-005-06	Grid Casting	2.84	2.84	0.0	0.0	0.0	0.0	0.77	1000 Batteries Produced	
3-04-005-07	Paste Mixing	3.92	3.92	0.0	0.0	0.0	0.0	2.49	1000 Batteries Produced	
3-04-005-08	Lead Oxide Mill	0.11	0.08	0.0	0.0	0.0	0.0	0.11	1000 Batteries	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Lead Battery Manufacture - 3691										
3-04-005-09	(Baghouse Outlet) Three Process Operation	84.0	84.0	0.0	0.0	0.0	0.0	10.6	Produced 1000 Batteries	
3-04-005-10	Lead Reclaiming Furnace	6.68	1.67	0.0	0.0	0.0	0.0	1.38	Produced 1000 Batteries	
3-04-005-11	Small Parts Casting	0.19	0.19	0.0	0.0	0.0	0.0	0.1	Produced 1000 Batteries	
3-04-005-12	Formation	32.4	32.4	0.0	0.0	0.0	0.0	---	Produced 1000 Batteries	
3-04-005-13	Barton Process: Oxidation Kettle	---	---	0.0	0.0	0.0	---	---	Produced Tons Processed	
3-04-005-21	Overall Process	---	---	0.0	0.0	0.0	---	---	Tons Processed	
3-04-005-22	Grid Casting	---	---	0.0	0.0	0.0	---	---	Tons Processed	
3-04-005-23	Paste Mixing	---	---	0.0	0.0	0.0	---	---	Tons Processed	
3-04-005-24	Lead Oxide Mill (Baghouse Outlet)	---	---	0.0	0.0	0.0	---	---	Tons Processed	
3-04-005-25	Three Process Operation	---	---	0.0	0.0	0.0	---	---	Tons Processed	
3-04-005-26	Lead Reclaiming Furnace	---	---	0.0	0.0	0.0	---	---	Tons Processed	
3-04-005-27	Small Parts Casting	---	---	0.0	0.0	0.0	---	---	Tons Processed	
3-04-005-28	Formation	---	---	0.0	0.0	0.0	---	---	Tons Processed	
3-04-005-29	Grid Cast/Paste Mix: Combined Operation	---	7.44	---	---	---	---	---	1000 Batteries Produced	
3-04-005-30	Paste Mix/Lead Charge: Combined Operation	---	4.32	---	---	---	---	---	1000 Batteries Produced	
3-04-005-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Magnesium - 3341										
3-04-006-01	Pot Furnace	4.0	3.7	---	2.5	2.4	---	---	Tons Processed	
3-04-006-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Steel Foundries - 3324, 3325										
3-04-007-01	Electric Arc Furnace	13.0	6.3	0.25	0.2	0.35	---	---	Tons Metal Processed	
3-04-007-02	Open Hearth Furnace	11.0	9.4	---	0.01	0.17	---	---	Tons Metal Processed	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Steel Foundries - 3324, 3325										
3-04-007-03	Open Hearth Furnace w/ Oxygen Lance	10.0	8.5	---	0.0	0.17	---	---	Tons Metal Processed	
3-04-007-04	Heat Treating Furnace	---	---	470.0	80.0	0.02	---	---	Tons Metal Processed	
3-04-007-05	Electric Induction Furnace	0.1	0.09	0.0	0.0	0.0	0.0	---	Tons Metal Processed	
3-04-007-06	Sand Grinding / Handling	0.65	0.54	0.0	0.0	0.0	---	---	Tons Sand Processed	
3-04-007-07	Core Ovens	2.71	2.22	0.32	0.05	0.0008	---	---	Tons Sand Processed	
3-04-007-08	Pouring/Casting	5.0 (c)	5.0	0.02	0.01	0.14	---	---	Tons Metal Processed	
3-04-007-09	Casting Shakeout	32.0 (c)	26.2	---	2.4	1.2	---	---	Tons Metal Processed	
3-04-007-10	Casting Knock Out	---	---	---	---	1.2	---	---	Tons Sand Handled	
3-04-007-11	Cleaning	17.0 (c)	1.7	0.0	0.0	0.0	---	---	Tons Metal Processed	
3-04-007-12	Charge Handling	0.6 (c)	0.36	---	---	0.0	---	---	Tons Metal Processed	
3-04-007-13	Castings Cooling	10.0 (c)	10.0	0.0	0.0	0.0	---	---	Tons Metal Processed	
3-04-007-14	Shakeout Machine	---	---	---	---	1.2	---	---	Tons Sand Handled	
3-04-007-15	Finishing	0.01 (c)	0.0045	0.4	87.0	1.1	---	---	Tons Metal Processed	
3-04-007-16	Sand Grinding / Handling	40.0 (c)	6.0	0.0	0.0	0.0	---	---	Tons Metal Processed	
3-04-007-17	Core Ovens	1.1	0.9	0.32	0.05	0.0008	---	---	Tons Metal Processed	
3-04-007-18	Core Ovens	---	---	0.33	0.05	0.0008	---	---	Gallons of Core Oil Used	
3-04-007-20	Sand Dryer	---	---	0.0	1.6	0.004	---	---	Tons Sand Handled	
3-04-007-21	Sand Silo	---	---	0.0	0.0	0.0	---	---	Tons Sand Handled	
3-04-007-22	Muller	---	---	---	---	---	---	---	Tons Sand Handled	
3-04-007-23	Converyors/Elevators	---	---	0.0	0.0	0.0	---	---	Tons Sand Handled	
3-04-007-24	Sand Screens	---	---	0.0	0.0	0.0	---	---	Tons Sand Handled	
3-04-007-25	Casting Cleaning / Tumblers	---	---	0.0	0.0	0.0	---	---	Tons Castings Cleaned	
3-04-007-26	Casting Cleaning / Chippers	---	---	0.0	0.0	0.0	---	---	Tons Castings Cleaned	
3-04-007-30	Shell Core Machine	---	---	0.32	0.5	0.0008	---	---	Tons of Cores Produced	
3-04-007-31	Core Machines/Other	---	---	0.32	0.5	0.0008	---	---	Tons of Cores Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Steel Foundries - 3324, 3325										
3-04-007-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Secondary Zinc Production - 3341										
3-04-008-01	Retort Furnace	47.0	47.0	---	---	0.0	---	---	Tons Produced	
3-04-008-02	Horizontal Muffle Furnace	45.0	45.0	---	---	2.4	---	---	Tons Produced	
3-04-008-03	Pot Furnace	0.1	0.09	0.0	1.9	2.4	---	---	Tons Produced	
3-04-008-05	Galvanizing Kettle	5.0	5.0	0.0	0.4	0.0	---	---	Tons Zinc Used	
3-04-008-06	Calcining Kiln	89.0	78.0	18.3	---	0.06	---	---	Tons Produced	
3-04-008-07	Concentrate Dryer	---	---	---	---	0.004	---	---	Tons Processed	
3-04-008-09	Rotary Sweat Furnace	18.0	16.6	---	0.2	2.4	---	---	Tons Produced	
3-04-008-10	Muffle Sweat Furnace	21.4	19.7	---	---	2.4	---	---	Tons Produced	
3-04-008-11	Electric Resistance Sweat Furnace	10.0	10.0	---	---	2.4	---	---	Tons Produced	
3-04-008-12	Crushing/Screening of Zinc Residues	4.25	2.2	0.0	0.0	0.0	---	---	Tons Residues/Skimmings Processed	
3-04-008-14	Kettle-Sweat Furnace (Clean Metallic Scrap)	0.0	0.0	---	---	0.0	---	---	Tons Produced	
3-04-008-18	Reverberatory Sweat Furnace (Clean Metallic Scrap)	0.0	0.0	---	---	0.0	---	---	Tons Produced	
3-04-008-24	Kettle-Sweat Furnace (General Metallic Scrap)	11.0	11.0	---	---	2.4	---	---	Tons Produced	
3-04-008-28	Reverb. Sweat Furnace (General Metallic Scrap)	13.0	13.0	---	---	2.4	---	---	Tons Produced	
3-04-008-34	Kettle-Sweat Furnace (Residual Metallic Scrap)	25.0	15.0	---	---	2.4	---	---	Tons Produced	
3-04-008-38	Revert. Sweat Furnace (Residual Metallic Scrap)	32.0	19.0	---	---	2.4	---	---	Tons Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Secondary Zinc Production - 3341										
3-04-008-40	Alloying	---	---	---	---	0.0	---	---	Tons Produced	
3-04-008-41	Scrap Melting: Crucible	---	---	---	---	2.5	---	---	Tons Produced	
3-04-008-42	Scrap Melting: Reverberatory Furnace	---	---	---	---	5.2	---	---	Tons Produced	
3-04-008-43	Scrap Melting: Electric Induction Furnace	---	---	---	---	0.18	---	---	Tons Produced	
3-04-008-51	Retort and Muffle Distillation: Pouring	0.6	0.6	---	---	0.0	---	---	Tons Produced	
3-04-008-52	Retort and Muffle Distillation: Casting	0.3	0.3	---	---	0.0	---	---	Tons Produced	
3-04-008-53	Graphite Rod Distillation	---	0.0	---	---	0.0	---	---	Tons Produced	
3-04-008-54	Retort Distillation / Oxidation	30.0	30.0	20.0	7.9	0.0	---	---	Tons of Zinc Oxide Produced	
3-04-008-55	Muffle Distillation / Oxidation	30.0	30.0	40.0	110.0	0.0	---	---	Tons of Zinc Oxide Produced	
3-04-008-61	Reverberatory Sweating	1.3	0.78	---	---	2.4	---	---	Tons Produced	
3-04-008-62	Rotary Sweating	0.9	0.54	---	---	2.4	---	---	Tons Produced	
3-04-008-63	Muffle Sweating	1.07	0.64	---	---	2.4	---	---	Tons Produced	
3-04-008-64	Kettle (Pot) Sweating	0.56	0.34	---	---	2.4	---	---	Tons Produced	
3-04-008-65	Electric Resistance Sweating	0.5	0.5	---	---	2.4	---	---	Tons Produced	
3-04-008-66	Sodium Carbonate Leaching	---	---	0.0	0.0	0.0	---	---	Tons Scrap Processed	
3-04-008-67	Kettle (Pot) Melting Furnace	0.005	0.005	---	---	2.4	---	---	Tons Produced	
3-04-008-68	Crucible Melting Furnace	0.005	0.005	---	---	2.5	---	---	Tons Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Secondary Zinc Production - 3341										
3-04-008-69	Reverberatory Melting Furnace	0.005	0.005	---	---	5.2	---	---	Tons Produced	
3-04-008-70	Electric Induction Melting Furnace	0.005	0.005	---	---	0.18	---	---	Tons Produced	
3-04-008-71	Alloying Retort Distillation	---	---	---	---	0.0	---	---	Tons Produced	
3-04-008-72	Retort and Muffle Distillation	2.36	2.36	---	---	0.0	---	---	Tons Produced	
3-04-008-73	Casting	0.015	0.015	---	---	0.0	---	---	Tons Produced	
3-04-008-74	Graphite Rod Distillation	---	0.0	---	---	0.0	---	---	Tons Produced	
3-04-008-75	Retort Distillation /Oxidation	---	---	---	---	0.0	---	---	Tons Produced	
3-04-008-76	Muffle Distillation /Oxidation	---	---	---	---	0.0	---	---	Tons Produced	
3-04-008-77	Retort Reduction	---	---	---	---	0.0	---	---	Tons Produced	
3-04-008-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Malleable Iron - 3322										
3-04-009-01	Annealing	---	---	---	0.6	0.1	---	---	Tons of Metal Charged	
3-04-009-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons of Metal Charged	
Nickel Production - 3341										
3-04-010-01	Flux Furnace	---	---	0.0	1.5	0.004	---	---	Tons Processed	
3-04-010-02	Mixing/Blending/ Grinding/Screening	---	---	0.0	0.0	0.0	---	---	Tons Processed	
3-04-010-04	Heat Treat Furnace	---	---	0.0	1.5	0.004	---	---	Tons Processed	
3-04-010-05	Induction Furnace (Inlet Air)	---	---	0.03	---	0.0	---	---	Tons Processed	
3-04-010-06	Induction Furnace (Under Vacuum)	---	---	0.03	---	0.0	---	---	Tons Processed	
3-04-010-07	Electric Arc Furnace w/ Carbon Electrode	---	---	57.3	0.003	0.1	---	---	Tons Processed	
3-04-010-08	Electric Arc Furnace	---	---	0.25	0.32	0.18	---	---	Tons Processed	
3-04-010-10	Finishing: Pickling	---	---	0.0	0.0	0.0	---	---	Tons Processed	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Nickel Production - 3341										
	/Neutralizing									
3-04-010-11	Finishing: Grinding	---	---	0.0	0.0	0.0	---	---	Tons Processed	
3-04-010-15	Multiple Hearth Roaster	---	---	---	---	---	---	---	Tons Processed	
3-04-010-16	Converters	---	---	---	---	---	---	---	Tons Processed	
3-04-010-17	Reverberatory Furnace	---	---	---	---	---	---	---	Tons Processed	
3-04-010-18	Electric Furnace	---	---	---	---	---	---	---	Tons Processed	
3-04-010-19	Sinter Machine	---	---	---	---	---	---	---	Tons Processed	
3-04-010-61	Roasting: Fugitive Emissions	---	---	---	---	---	---	---	Tons Produced	
3-04-010-62	Reverberatory Furnace: Fugitive Emissions	---	---	---	---	---	---	---	Tons Produced	
3-04-010-63	Converter: Fugitive Emissions	---	---	---	---	---	---	---	Tons Produced	
3-04-010-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Furnace Electrode Manufacture - 3624										
3-04-020-01	Calcination	---	---	---	---	0.06	---	---	Tons Processed	
3-04-020-02	Mixing	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-04-020-03	Pitch Treating	---	---	0.0	0.0	0.0	---	---	Tons Processed	
3-04-020-04	Bake Furnaces	---	---	1.6	---	1.0	---	---	Tons Processed	
3-04-020-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Metal Heat Treating - 3398										
3-04-022-01	Furnace: General	---	---	0.0	4.0	0.1	---	---	Tons Processed	
3-04-022-10	Quench Bath	---	---	0.0	0.0	280.0	---	---	Tons Processed	
3-04-022-11	Quenching	---	---	---	---	---	---	---	Gallons Used	
Lead Cable Coating - 3357, 3315										
3-04-040-01	General	0.6	0.36	---	---	---	---	---	Tons Processed	
Miscellaneous Casting and Fabricating - 3300										
3-04-049-01	Wax Burnout Oven	---	---	---	---	0.0	---	---	Tons of Wax Burned	
3-04-049-02	Wax Burnout Oven	---	---	---	---	---	---	---	Tons Solvent Consumed	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Miscellaneous Casting and Fabricating - 3300										
3-04-049-99	Wax Burnout Oven	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Burned	
3-04-050-01	Other Not Classified	---	---	---	---	---	---	---	Tons Produced	
3-04-050-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Each	
Fugitive Emissions - 3300, 3400										
3-04-888-01	Specify in Comments Field	---	---	---	---	---	---	0.0001	Tons Product	
3-04-888-02	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-04-888-03	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-04-888-04	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-04-888-05	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
Secondary Metal Production: Other Not Classified - 3300, 3400										
3-04-999-99	Specify in Comments Field	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
SECONDARY METAL PRODUCTION - FUEL FIRED EQUIPMENT										
Process Heaters - 3300, 3400										
3-04-900-01	Distillate Oil (No. 2)	---	---	143.6 S	20.0	0.2	---	---	1000 Gallons Burned	
3-04-900-02	Residual Oil	---	---	158.6 S	55.0	0.28	---	---	1000 Gallons Burned	
3-04-900-03	Natural Gas	---	---	0.6	140.0	2.8	---	---	Million Cubic Feet Burned	
3-04-900-04	Process Gas	---	---	950.0 S	140.0	2.8	---	---	Million Cubic Feet Burned	
Incinerators - 3300, 3400										
3-04-900-11	Distillate Oil (No. 2)	---	---	---	---	0.4	---	---	1000 Gallons Burned	
3-04-900-12	Residual Oil	---	---	---	---	0.56	---	---	1000 Gallons Burned	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Incinerators - 3300, 3400										
3-04-900-13	Natural Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
3-04-900-14	Process Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
Flares - 3300, 3400										
3-04-900-21	Distillate Oil (No. 2)	---	---	---	---	---	---	---	1000 Gal. Burned	
3-04-900-22	Residual Oil	---	---	---	---	---	---	---	1000 Gal. Burned	
3-04-900-23	Natural Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
3-04-900-24	Process Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
Furnaces - 3300, 3400										
3-04-900-31	Distillate Oil	---	---	---	---	---	---	---	1000 Gallons Burned	
3-04-900-32	Residual Oil	---	---	---	---	---	---	---	1000 Gallons Burned	
3-04-900-33	Natural Gas	---	---	---	---	---	---	---	Million Cubic Feet Burned	
3-04-900-34	Process Gas	---	---	---	---	---	---	---	Million Cubic Feet Burned	
MINERAL PRODUCTS - MAJOR GROUPS 11, 12, 14, 28, 29, 32, & 44										
Asphalt Roofing Manufacture - 2952										
3-05-001-01	Asphalt Blowing: Saturant	7.2	6.8	0.0	0.0	1.46	0.27	---	Tons Asphalt Processed	
3-05-001-02	Asphalt Blowing: Coating	26.7	25.0	0.0	0.0	1.86	0.27	---	Tons Asphalt Processed	
3-05-001-03	Felt Saturation: Dipping Only	0.5	0.5	0.0	0.0	0.02	0.02	---	Tons Asphalt Shingle	
3-05-001-04	Felt Saturation: Dipping/Spraying	3.14	2.26	0.0	0.0	0.03	0.25	---	Tons Asphalt Shingle	
3-05-001-10	Blowing	---	---	0.0	0.0	0.09	---	---	Tons Saturated Felt	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Asphalt Roofing Manufacture - 2952										
3-05-001-11	Dipping Only	---	---	0.0	0.0	0.02	---	---	Tons Saturated Felt	
3-05-001-12	Spraying Only	---	---	0.0	0.0	0.01	---	---	Tons Saturated Felt	
3-05-001-13	Dipping/Spraying	---	---	0.0	0.0	0.03	---	---	Tons Saturated Felt	
3-05-001-98	Other Not Classified	---	---	---	---	---	---	---	Gallons	
Asphaltic Concrete - 2951										
3-05-002-01	Rotary Dryer: Conventional Plant	45.0	6.1	0.073	0.036	0.028	0.038	---	Tons Produced	
3-05-002-02	Hot Elevators, Screens, Bins and Mixer	0.2	0.03	0.09	0.03	0.0	---	---	Tons Produced	
3-05-002-03	Storage Piles	0.33	0.12	---	---	0.0	---	---	Tons Processed	
3-05-002-04	Cold Aggregate Handling	0.1	0.04	0.12	0.0	0.13	---	---	Tons Processed	
3-05-002-05	Drum Dryer: Hot Asphalt Plants	4.9	1.1	0.0	0.0	0.0	0.0	---	Tons of Asphalt Concrete	
3-05-002-06	Asphalt Heater: Natural Gas	---	---	0.6	140.0	2.8	---	---	Million Cubic Feet Burned	
3-05-002-07	Asphalt Heater. Residual Oil	---	---	159.0 S	55.0	0.28	---	---	1000 Gallons Burned	
3-05-002-08	Asphalt Heater: Distillate Oil	---	---	144.0 S	20.0	0.2	---	---	1000 Gallons Burned	
3-05-002-09	Asphalt Heater: L P G	---	---	---	---	---	---	---	1000 Gallons Burned	
3-05-002-11	Rotary Dryer- Conventional Plant, w/ Cyclone	1.7	0.36	0.073	0.036	0.028	0.038	---	Tons Produced	
Brick Manufacture - 3251										
3-05-003-01	Raw Material Drying	70.0	41.0	0.0	0.0	0.004	---	---	Tons of Raw Material	
3-05-003-02	Raw Material Grinding	76.0	5.32	0.0	0.0	0.0	0.0	---	Tons of Raw Material	
3-05-003-03	Storage of Raw Materials	34.0	12.0	0.0	0.0	0.0	0.0	---	Tons of Raw Material Stored	
3-05-003-07	Calcining	---	---	---	---	0.02	---	---	Tons of Raw Material	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Brick Manufacture - 3251										
3-05-003-08	Screening	20.0	1.4	0.0	0.0	0.0	0.0	---	Tons of Raw Material	
3-05-003-09	Blending and Mixing	---	---	0.0	0.0	0.0	0.0	---	Tons of Raw Material	
3-05-003-10	Curing and Firing: Saw-Dust Fired Tunnel Kilns	---	0.2	---	---	---	---	---	Tons Produced	
3-05-003-11	Curing and Firing: Gas Fired Tunnel Kilns	0.02	0.01	0.0	0.18	0.03	0.06	---	Tons Produced	
3-05-003-12	Curing and Firing: Oil Fired Tunnel Kilns	0.6	0.32	4.0 S	1.1	0.07	0.12	---	Tons Brick Produced	
3-05-003-13	Curing and Firing: Coal Fired Tunnel Kilns	0.67 A	0.48 A	7.31 S	1.45	0.01	1.43	---	Tons Produced	
3-05-003-14	Curing and Firing: Gas Fired Periodic Kilns	0.065	0.034	0.0	0.5	0.01	0.15	---	Tons Produced	
3-05-003-15	Curing and Firing: Oil Fired Periodic Kilns	0.88	0.47	5.9 S	1.62	0.1	0.19	---	Tons Produced	
3-05-003-16	Curing and Firing: Coal Fired Periodic Kilns	18.84	10.0	12.13 S	2.35	0.02	2.39	---	Tons Produced	
3-05-003-98	Other Not Classified	---	---	---	---	---	---	---	Gallons	
Calcium Carbide - 2819										
3-05-004-01	Electric Furnace (Hoods and Main Stack)	24.0	22.0	3.0	---	0.0	---	---	Tons Produced	
3-05-004-02	Coke Dryer	2.0	1.0	3.0	0.2	0.0	---	---	Tons Produced	
3-05-004-03	Furnace Room Vents	26.0	24.0	0.0	---	0.0	---	---	Tons Produced	
3-05-004-04	Tap Fume Vents	---	---	0.0	---	0.0	---	---	Tons Produced	
3-05-004-05	Primary/Secondary Crushing	---	---	0.0	0.0	0.0	---	---	Tons Produced	
3-05-004-06	Circular Charging:	---	---	0.0	---	0.0	---	---	Tons Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Calcium Carbide - 2819										
3-05-004-99	Conveyor - Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Castable Refractory - 3255										
3-05-005-01	Raw Material Dryer	30.0	15.3	0.002	1.6	0.004	---	---	Tons Feed Material	
3-05-005-02	Raw Material Crushing/Processing	120.0	61.2	0.0	0.0	0.0	0.0	---	Tons Feed Material	
3-05-005-03	Electric Arc Melt Furnace	50.0	46.0	---	---	---	---	---	Tons Feed Material	
3-05-005-04	Curing Oven	0.2	0.1	0.0	0.16	1.0	---	---	Tons Feed Material	
3-05-005-05	Holding and Shakeout	25.0	20.0	0.0	0.0	0.0005	---	---	Tons Feed Material	
3-05-005-98	Other Not Classified	---	---	---	---	---	---	---	Gallons	
3-05-005-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Feed Material	
Cement Manufacturing: Dry Process - 3241										
3-05-006-06	Kilns	256.0	108.0	10.2	2.8	0.02	---	0.11	Tons Cement Produced	
3-05-006-07	Raw Material Unloading	0.2 (c)	0.1	0.0	0.0	0.0	0.0	---	Tons of Material Unloaded	
3-05-006-08	Raw Material Piles	4.0 (c)	1.4	0.0	0.0	0.0	0.0	---	Tons In Pile	
3-05-006-09	Primary Crushing	0.5 (c)	0.26	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-006-10	Secondary Crushing	1.5 (c)	1.13	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-006-11	Screening	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-006-12	Raw Material Transfer	0.3 (c)	0.15	0.0	0.0	0.0	0.0	---	Tons Handled	
3-05-006-13	Raw Material Grinding and Drying	64.0	54.0	0.0	0.0	0.0	0.0	0.04	Tons Cement Produced	
3-05-006-14	Clinker Cooler	9.2	0.8	0.0	0.0	0.0	0.0	---	Tons Cement Produced	
3-05-006-15	Clinker Piles	---	---	0.0	0.0	0.0	0.0	---	Tons Cement Produced	
3-05-006-16	Clinker Transfer	---	---	0.0	0.0	0.0	0.0	---	Tons Cement Produced	
3-05-006-17	Clinker Grinding	96.0	82.0	0.0	0.0	0.0	0.0	0.04	Tons Cement Produced	
3-05-006-18	Cement Silos	---	---	0.0	0.0	0.0	0.0	---	Tons Cement Produced	
3-05-006-19	Cement Load Out	0.24 (c)	0.2	0.0	0.0	0.0	0.0	---	Tons Cement Produced	
3-05-006-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Cement Produced	
Cement Manufacturing: Wet Process - 3241										
3-05-007-06	Kilns	228.0	58.0	10.2	2.8	---	---	0.1	Tons Cement Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Cement Manufacturing: Wet Process - 3241										
3-05-007-07	Raw Material Unloading	0.2 (c)	0.1	0.0	0.0	0.0	0.0	---	Tons of Material Unloaded	
3-05-007-08	Raw Material Piles	4.0 (c)	1.4	0.0	0.0	0.0	0.0	---	Tons In Pile	
3-05-007-09	Primary Crushing	0.5 (c)	0.26	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-007-10	Secondary Crushing	1.5 (c)	1.13	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-007-11	Screening	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-007-12	Raw Material Transfer	0.3 (c)	0.15	0.0	0.0	0.0	0.0	---	Tons Handled	
3-05-007-14	Clinker Cooler	---	0.8	0.0	0.0	0.0	0.0	---	Tons Cement Produced	
3-05-007-15	Clinker Piles	---	---	0.0	0.0	0.0	0.0	---	Tons Cement Produced	
3-05-007-16	Clinker Transfer	---	---	0.0	0.0	0.0	0.0	---	Tons Cement Produced	
3-05-007-17	Clinker Grinding	32.0	27.0	0.0	0.0	0.0	0.0	0.02	Tons Cement Produced	
3-05-007-18	Cement Silos	---	---	0.0	0.0	0.0	0.0	---	Tons Cement Produced	
3-05-007-19	Cement Load Out	0.24 (c)	0.2	0.0	0.0	0.0	0.0	---	Tons Cement Produced	
3-05-007-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Cement Produced	
Ceramic Clay Manufacture - 3261										
3-05-008-01	Drying	70.0	35.7	2.4	1.6	0.004	---	---	Tons Input to Process	
3-05-008-02	Grinding	76.0	64.6	7.4	2.3	0.0	---	---	Tons Input to Process	
Ceramic Clay Mfg. - 3261										
3-05-008-03	Storage	34.0	29.0	---	0.0	0.0	---	---	Tons Input to Process	
3-05-008-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Clay & Fly Ash Sintering - 3295										
3-05-009-01	Fly Ash Sintering	110.0	68.0	---	---	1.4	---	---	Tons Finished Product	
3-05-009-02	Clay/Coke Sintering	40.0	20.4	---	---	1.4	---	---	Tons Finished Product	
3-05-009-03	Natural Clay/ Shale Sintering	12.0	6.12	---	---	1.4	---	---	Tons Finished Product	
3-05-009-04	Raw Clay/ Shale Crushing/ Screening	0.5 (c)	0.25	0.0	0.0	0.0	0.0	---	Tons Raw Material	
3-05-009-05	Raw Clay/ Shale Transfer/ Conveying	0.8 (c)	0.4	0.0	0.0	0.0	0.0	---	Tons Raw Material	
3-05-009-06	Raw Clay/Shale Storage Piles	---	---	0.0	0.0	0.0	0.0	---	Tons Raw Material	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Clay & Fly Ash Sintering - 3295										
3-05-009-07	Sintered Clay/Coke Product Crushing/ Screening	15.0	12.8	0.0	0.0	0.0	0.0	---	Tons Finished Product	
3-05-009-08	Sintered Clay/Shale Product Crushing/ Screening	12.0	10.2	0.0	0.0	0.0	0.0	---	Tons Finished Product	
3-05-009-09	Expanded Shale Clinker Cooling	---	---	0.0	0.0	0.0	0.0	---	Tons Finished Product	
3-05-009-10	Expanded Shale Storage	---	---	0.0	0.0	0.0	0.0	---	Tons Finished Product	
3-05-009-15	Rotary Kiln	---	---	---	---	---	---	---	Tons Clay Processed	
3-05-009-16	Dryer	---	62.6	---	---	---	---	---	Tons Clay Dried	
3-05-009-17	Clay Reciprocating Grate Clinker Cooler	---	0.18	---	---	---	---	---	Tons Clay Processed	
3-05-009-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Finished Product	
Coal Cleaning - Thermal Dryer - 1111, 1221, 1222 (r)										
3-05-010-01	Fluidized Bed	12.0	6.0	0.43	0.17	0.1	---	---	Tons Coal Dried	
3-05-010-02	Flash or Suspension	10.0	5.0	0.42	---	0.1	---	---	Tons Coal Dried	
3-05-010-03	Multilouvered	8.0	4.0	---	---	0.1	---	---	Tons Coal Dried	
3-05-010-04	Rotary	---	---	---	---	0.1	---	---	Tons Coal Dried	
3-05-010-05	Cascade	---	---	---	---	0.1	---	---	Tons Coal Dried	
3-05-010-06	Continuous Carrier	---	---	---	---	0.1	---	---	Tons Coal Dried	
3-05-010-07	Screen	---	---	---	---	0.1	---	---	Tons Coal Dried	
Coal Cleaning - Material Handling - 1111, 1221, 1222 (r)										
3-05-010-08	Unloading	0.02 (c)	0.01	0.0	0.0	0.0	0.0	---	Tons Shipped	
3-05-010-09	Raw Coal Storage	---	---	0.0	0.0	0.0	0.0	---	Tons Shipped	
3-05-010-10	Crushing	0.02 (c)	0.01	0.0	0.0	0.0	0.0	---	Tons Shipped	
3-05-010-11	Coal Transfer	0.2 (c)	0.1	0.0	0.0	0.0	0.0	---	Tons Shipped	
3-05-010-12	Screening	0.16 (c)	0.08	0.0	0.0	0.0	0.0	---	Tons Shipped	
3-05-010-13	Air Tables	---	---	0.0	0.0	0.0	0.0	---	Tons Shipped	
3-05-010-14	Cleaned Coal Storage	---	---	0.0	0.0	0.0	0.0	---	Tons Shipped	
3-05-010-15	Loading	0.1 (c)	0.05	0.0	0.0	0.0	0.0	---	Tons Shipped	
3-05-010-16	Loading: Clean Coal	---	---	---	---	---	---	---	Tons Shipped	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Coal Cleaning - Material Handling - 1111, 1221, 1222 (r)										
3-05-010-17	Secondary Crushing	---	---	---	---	---	---	---	Tons Shipped	
Surface Mining Operations - 1111, 1221, 1222 (r)										
3-05-010-21	Overburden Removal	0.45	---	0.0	0.0	0.0	0.0	---	Tons Coal Mined	
3-05-010-22	Drilling/Blasting	0.0001	---	0.0	0.0	0.0	0.0	---	Tons Coal Mined	
3-05-010-23	Loading	0.1	0.05	0.0	0.0	0.0	0.0	---	Tons Coal Mined	
3-05-010-24	Hauling	17.2	---	0.0	0.0	0.0	0.0	---	Vehicle-Miles Traveled	
3-05-010-30	Topsoil Removal	0.05	---	0.0	0.0	0.0	0.0	---	Tons of Topsoil Removed	
3-05-010-31	Scrapers: Travel Mode	14.6	---	0.0	0.0	0.0	0.0	---	Vehicle-Miles by Scrapers	
3-05-010-32	Topsoil Unloading	0.04	---	0.0	0.0	0.0	0.0	---	Tons of Topsoil	
3-05-010-33	Overburden	1.3	0.16	0.0	0.0	0.0	0.0	---	Holes Drilled	
3-05-010-34	Coal Seam: Drilling	0.22	0.028	0.0	0.0	0.0	0.0	---	Holes Drilled	
3-05-010-35	Blasting: Coal Overburden	32.7	---	0.0	0.0	0.0	0.0	---	Blasts	
3-05-010-36	Dragline: Overburden Removal	0.05	---	0.0	0.0	0.0	0.0	---	Cubic Yards Overburden Removed	
3-05-010-37	Truck Loading: Overburden	0.03	0.015	0.0	0.0	0.0	0.0	---	Tons Overburden Loaded	
3-05-010-38	Truck Loading: Coal	0.03	---	0.0	0.0	0.0	0.0	---	Tons Coal Loaded	
3-05-010-39	Hauling: Haul Trucks	17.2	---	0.0	0.0	0.0	0.0	---	Vehicle-Miles by Haul Trucks	
3-05-010-40	Truck Unloading: End Dump-Coal	0.007	---	0.0	0.0	0.0	0.0	---	Tons Coal	
3-05-010-41	Truck Unloading: Bottom Dump-Coal	0.066	---	0.0	0.0	0.0	0.0	---	Tons Coal	
3-05-010-42	Truck Unloading: Bottom Dump-Overburden	0.002	0.001	0.0	0.0	0.0	0.0	---	Tons Overburden	
3-05-010-43	Open Storage Pile: Coal	47400.0	17060.0	0.0	0.0	0.0	0.0	---	Acres of Coal Storage Area	
3-05-010-44	Train Loading: Coal	0.028	---	0.0	0.0	0.0	0.0	---	Tons Coal Loaded	
3-05-010-45	Bulldozing:	3.94	---	0.0	0.0	0.0	0.0	---	Bulldozer-Hours of	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Surface Mining Operations - 1111, 1221, 1222 (r)										
	Overburden									
3-05-010-46 -	Bulldozing: Coal	49.4	---	0.0	0.0	0.0	0.0	---	Operation Bulldozer-Hours of Operation	
3-05-010-47 -	Grading	5.37	---	0.0	0.0	0.0	0.0	---	Vehicle-Miles by Graders	
3-05-010-48 -	Overburden Replacement	0.012	0.006	0.0	0.0	0.0	0.0	---	Tons Overburden	
3-05-010-49 -	Wind Erosion: Exposed Areas	760.0	380.0	0.0	0.0	0.0	0.0	---	Acres of Exposed Area	
3-05-010-50 -	Vehicle Traffic: Light/Medium Vehicles	2.79	---	0.0	0.0	0.0	0.0	---	Vehicle-Miles by Light/Medium Vehicles	
3-05-010-90 -	Haul Roads: General	---	---	---	---	---	---	---	Tons Coal	
3-05-010-99 -	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Shipped	
Concrete Batching - 3270, 1771, 3292										
3-05-011-01 -	General (Non-fugitive)	0.2	0.1	0.0	0.0	0.0	---	---	Cubic Yards of Concrete Produced	
3-05-011-06 -	Transfer: Sand/Aggregate to Elevated Bins	0.04	0.02	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-011-07 -	Cement Unloading: Storage Bins	0.24	0.12	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-011-08 -	Weight Hopper Loading of Cement Sand/Aggregate	0.02	0.01	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-011-09 -	Mixer Loading of Cement /Sand/Aggregate	0.04	0.02	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-011-10 -	Loading of Transit Mix Truck	0.02	0.01	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-011-11 -	Loading of Dry-Batch Truck	0.04	0.02	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-011-12 -	Mixing: Wet	---	---	0.0	0.0	0.0	---	---	Cubic Yards of Concrete Produced	
3-05-011-13 -	Mixing: Dry	---	---	0.0	0.0	0.0	---	---	Cubic Yards of	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Concrete Batching - 3270, 1771, 3292										
3-05-011-14	Transferring: Conveyors/Elevators	---	---	0.0	0.0	0.0	---	---	Tons Concrete Produced / Cubic Yards of Concrete Produced	
3-05-011-15	Storage: Bins/ Hoppers	---	---	0.0	0.0	0.0	---	---	Tons Concrete Produced / Cubic Yards of Concrete Produced	
3-05-011-20	Asbestos/Cement Products	0.2	0.1	0.0	0.0	0.0	0.0	---	Tons Produced	
3-05-011-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Produced	
Fiberglass Mfg. - Wool-Type Fiber - 3296										
3-05-012-01	Regenerative Furnace	22.0	20.7	10.0	5.0	0.2	0.25	---	Tons Material Processed	
3-05-012-02	Recuperative Furnace	27.5	25.9	10.0	1.7	0.2	0.25	---	Tons Material Processed	
3-05-012-03	Electric Furnace	0.5	0.47	0.04	0.27	0.2	0.05	---	Tons Material Processed	
3-05-012-04	Forming: Rotary Spun	58.0	---	---	0.49	7.0	---	---	Tons Material Processed	
3-05-012-05	Curing Oven: Rotary Spun	9.0	9.0	---	1.1	3.0	1.7	---	Tons Material Processed	
3-05-012-06	Cooling	1.3	1.3	---	0.3	0.04	---	---	Tons Material Processed	
3-05-012-07	Unit Melter Furnace	9.0	8.6	0.6	0.3	0.0	0.25	---	Tons Material Processed	
3-05-012-08	Forming: Flame Attenuation	2.0	---	---	---	0.3	---	---	Tons Material Processed	
3-05-012-09	Curing: Flame Attenuation	6.0	6.0	---	2.0	7.0	3.5	---	Tons Material Processed	
Fiberglass Mfg. - Textile-Type Fiber - 3229										
3-05-012-11	Regenerative Furnace	16.0	15.0	30.0	20.0	0.2	1.0	---	Tons Material Processed	
3-05-012-12	Recuperative Furnace	2.0	1.9	3.0	20.0	0.2	0.5	---	Tons Material Processed	
3-05-012-13	Unit Melter Furnace	6.0	5.7	---	20.0	0.0	0.9	---	Tons Material Processed	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Fiberglass Mfg. - Textile-Type Fiber - 3229										
3-05-012-14	Forming Process	1.0	---	---	---	0.0	---	---	Tons Material Processed	
3-05-012-15	Curing Oven	1.2	1.2	---	2.6	0.0	1.5	---	Tons Material Processed	
Fiberglass Mfg. - Raw Materials Handling - 3229										
3-05-012-21	Raw Material: Unloading/Conveying	3.0	1.5	0.0	0.0	0.0	0.0	---	Tons Raw Material Processed	
3-05-012-22	Raw Material: Storage Bins	0.2	0.1	0.0	0.0	0.0	0.0	---	Tons Raw Material Processed	
3-05-012-23	Raw Material: Mixing/Weighing	0.6	0.3	0.0	0.0	0.0	0.0	---	Tons Raw Material Processed	
3-05-012-24	Raw Material: Crushing/Charging	---	---	0.0	0.0	0.0	0.0	---	Tons Raw Material Processed	
3-05-012-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Material Processed	
Frit Manufacture - 2899										
3-05-013-01	General	16.0	15.0	---	---	2.4	---	---	Tons Charged	
3-05-013-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Charged	
Glass Manufacture - 3211, 3221, 3229										
3-05-014-02	Container Glass: Melting Furnace	1.4	1.32	3.4	6.2	0.2	0.2	---	Tons of Glass Produced	
3-05-014-03	Flat Glass: Melting Furnace	2.0	1.9	3.0	8.0	0.1	0.1	---	Tons of Glass Produced	
3-05-014-04	Pressed and Blown Glass: Melting Furnace	17.4	16.5	5.6	8.5	0.3	0.2	---	Tons of Glass Produced	
3-05-014-06	Container Glass: Forming/Finishing	0.0	---	0.0	0.0	8.7	0.0	---	Tons of Glass Produced	
3-05-014-07	Flat Glass: Forming/Finishing	0.0	---	0.0	0.0	0.0	0.0	---	Tons of Glass Produced	
3-05-014-08	Pressed and Blown Glass:	0.0	---	0.0	0.0	9.0	0.0	---	Tons of Glass Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Glass Manufacture - 3211, 3221, 3229										
	Forming/Finishing									
3-05-014-10	Raw Material Handling (All Types of Glass)	0.0	---	---	---	---	---	---	Tons Processed	
3-05-014-13	Cullet: Crushing/Grinding	---	---	0.0	0.0	0.0	0.0	---	Tons Cullet Processed	
3-05-014-14	Ground Cullet Beading Furnace	---	---	5.6	8.5	0.3	---	---	Tons Beaded Glass Produced	
3-05-014-15	Glass Etching w/ Hydrofluoric Acid Solution	---	---	0.0	0.0	0.0	---	---	Gallons Etching Solution Consumed	
Gypsum Manufacture - 3275										
3-05-015-01	Rotary Ore Dryer	40.0	18.0	0.0	1.6	0.004	---	---	Tons Product	
3-05-015-02	Primary Grinder/Roller Mills	2.6	2.2	0.0	0.0	0.0	---	---	Tons Product	
3-05-015-04	Conveying	0.7	0.15	0.0	0.0	0.0	0.0	---	Tons Throughput	
3-05-015-05	Prmiary Crushing: Gypsum Ore	0.5 (c)	0.26	0.0	0.0	0.0	0.0	---	Tons Crude Gypsum Processed	
3-05-015-06	Secondary Crushing: Gypsum Ore	1.5 (c)	1.13	0.0	0.0	0.0	0.0	---	Tons Crude Gypsum Processed	
3-05-015-07	Screening: Gypsum Ore	---	---	0.0	0.0	0.0	0.0	---	Tons Crude Gypsum Processed	
3-05-015-08	Stockpile: Gypsum Ore	---	---	0.0	0.0	0.0	0.0	---	Tons Crude Gypsum Processed	
3-05-015-09	Storage Bins: Gypsum Ore	---	---	0.0	0.0	0.0	0.0	---	Tons Crude Gypsum Processed	
3-05-015-10	Storage Bins: Landplaster	---	---	0.0	0.0	0.0	0.0	---	Tons Product	
3-05-015-11	Continuous Kettle: Calciner	41.0	25.8	---	2.8	0.02	---	---	Tons Product	
3-05-015-12	Flash Calciner	37.0	14.1	---	2.8	0.02	---	---	Tons Product	
3-05-015-13	Impact Mill	100.0	85.0	---	---	0.02	---	---	Tons Product	
3-05-015-14	Storage Bins: Stucco	---	---	0.0	0.0	0.0	0.0	---	Tons Product	
3-05-015-15	Tube/Ball Mills	---	---	---	---	---	---	---	Tons Product	
3-05-015-16	Mixers	---	---	0.0	0.0	0.0	0.0	---	Tons Product	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Gypsum Manufacture - 3275										
3-05-015-17	Bagging	---	---	0.0	0.0	0.0	0.0	---	Tons Product	
3-05-015-18	Mixers/Conveyors	---	---	0.0	0.0	0.0	0.0	---	Tons Product	
3-05-015-19	Forming Line	---	---	0.0	0.0	0.02	0.0	---	Tons Product	
3-05-015-20	Drying Kiln	---	---	---	---	---	---	---	Tons Product	
3-05-015-21	End Sawing (8 Ft.)	8.0	6.8	0.0	0.0	0.0	0.0	---	1000 Sq. Ft. Board Sawed	
3-05-015-22	End Sawing (12 Ft.)	5.0	4.25	0.0	0.0	0.0	0.0	---	1000 Sq. Ft. Board Sawed	
Lime Manufacture - 3274										
3-05-016-01	Primary Crushing	0.5 (c)	0.26	0.0	0.0	0.0	0.0	---	Tons Limestone Processed	
3-05-016-02	Secondary Crushing /Screening	1.5 (c)	1.13	0.0	0.0	0.0	0.0	---	Tons Limestone Processed	
3-05-016-03	Calcining: Vertical Kiln	8.0	5.0	8.2	2.8	0.02	---	---	Tons Lime Produced	
3-05-016-04	Calcining: Rotary Kiln	350.0	42.0	5.1	2.8	0.06	2.0	---	Tons Lime Produced	
3-05-016-05	Calcimatic Kiln	50.0	31.5	---	0.2	0.02	---	---	Tons Lime Produced	
3-05-016-06	Fluidized Bed Kiln	---	---	---	---	0.02	---	---	Tons Lime Produced	
3-05-016-07	Raw Material Transfer and Conveying	0.8 (c)	0.18	0.0	0.0	0.0	0.0	---	Tons Limestone Processed	
3-05-016-08	Raw Material Unloading	0.2 (c)	0.1	0.0	0.0	0.0	0.0	---	Tons Limestone Processed	
3-05-016-09	Hydrator: Atmospheric	0.1	0.07	0.0	0.0	0.0	0.0	---	Tons Hydrated Lime Produced	
3-05-016-10	Raw Material Storage Piles	4.0 (c)	1.32	0.0	0.0	0.0	0.0	---	Tons Limestone Processed	
3-05-016-11	Prodcut Cooler	40.0	25.2	0.0	0.0	0.0	0.0	---	Tons Lime Produced	
3-05-016-12	Pressure Hydrator	0.1	0.07	0.0	0.0	0.0	0.0	---	Tons Hydrated Lime Produced	
3-05-016-13	Lime Silos	---	---	0.0	0.0	0.0	0.0	---	Tons Lime Produced	
3-05-016-14	Packing/Shipping	0.25	0.12	0.0	0.0	0.0	0.0	---	Tons Lime Produced	
3-05-016-15	Product Transfer and	---	---	0.0	0.0	0.0	0.0	---	Tons Lime Produced	

SCC	Process Name		PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Lime Manufacture - 3274											
	Conveying										
3-05-016-16	Primary Screening		---	---	0.0	0.0	0.0	0.0	---	Tons Limestone Processed	
3-05-016-17	Multiple Hearth Calciner		---	---	8.2	2.8	0.02	---	---	Tons Lime Produced	
Mineral Wool - 3296											
3-05-017-01	Cupola		22.0	20.2	0.02	1.6	0.0	---	---	Tons Charged	
3-05-017-02	Reverberatory Furnace		5.0	4.6	0.0	0.0	0.0	---	---	Tons Charged	
3-05-017-03	Blow Chamber		17.0	15.6	0.0	0.0	0.9	---	---	Tons Charged	
3-05-017-04	Curing Oven		4.0	3.8	0.0	0.16	1.0	---	---	Tons Charged	
3-05-017-05	Cooler		2.0	1.9	0.0	0.0	0.04	---	---	Tons Charged	
3-05-017-99	Other Not Classified		XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Perlite Mfg. - 3295											
3-05-018-01	Vertical Furnace		21.0	---	0.0	0.0	0.0	---	---	Tons Charged	
3-05-018-99	Other Not Classified		XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Phosphate Rock - 1475											
3-05-019-01	Drying		5.7	4.7	0.0	1.6	0.004	---	---	Tons Phosphate Rock	
3-05-019-02	Grinding		1.5	0.93	0.0	0.0	0.0	0.0	---	Tons Phosphate Rock	
3-05-019-03	Transfer/Storage		2.0	1.0	0.0	0.0	0.0	0.0	---	Tons Phosphate Rock	
3-05-019-04	Open Storage		40.0	14.4	0.0	0.0	0.0	0.0	---	Tons Phosphate Rock	
3-05-019-05	Calcining		15.4	14.8	---	---	---	---	---	Tons Phosphate Rock	
3-05-019-06	Rotary Dryer		---	2.82	---	---	---	---	---	Tons Phosphate Rock Dried	
3-05-019-07	Ball Mill		---	0.45	---	---	---	---	---	Tons Phosphate Rock Milled	
3-05-019-99	Other Not Classified		XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Stone Quarrying/Processing - 1411, 1422, 1423, 1429, 1499											
3-05-020-01	Primary Crushing	(s)	0.5	0.017	0.0	0.0	0.0	0.0	---	Tons Raw Material	
3-05-020-02	Secondary Crushing /Screening	(s)	1.5	0.017	0.0	0.0	0.0	0.0	---	Tons Raw Material	
3-05-020-03	Tertiary Crushing	(s)	6.0	3.1	0.0	0.0	0.0	0.0	---	Tons Raw Material	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Stone Quarrying/Processing - 1411, 1422, 1423, 1429, 1499										
	/Screening									
3-05-020-04	Recrushing/Screening (s)	0.0	0.0	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-020-05	Fines Mill (s)	0.0	0.0	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-020-06	Miscellaneous Operations: Screen /Convey/Handling	0.0	0.0	0.0	0.0	0.0	0.0	---	Tons Raw Material	
3-05-020-07	Open Storage	0.33	0.12	0.0	0.0	0.0	0.0	---	Tons Product Stored	
3-05-020-08	Cut Stone: General	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-020-09	Blasting: General	0.16 (c)	---	0.0	0.0	0.0	0.0	---	Tons Raw Material	
3-05-020-10	Drilling	---	0.0001	0.0	0.0	0.0	0.0	---	Tons Raw Material	
3-05-020-11	Hauling	52.0	---	0.0	0.0	0.0	0.0	---	Vehicle-Miles	
3-05-020-12	Drying	35.0	5.0	---	---	---	---	---	Tons Stone Dried	
3-05-020-13	Bar Grizzlies	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-020-14	Shaker Screens	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-020-15	Vibrating Screens	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-020-16	Revolving Screens	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-020-20	Drilling	---	0.0001	0.0	0.0	0.0	0.0	---	Feet Drilled	
Salt Mining - 1499										
3-05-021-01	General	---	---	0.0	0.0	0.0	0.0	---	Tons Mined	
3-05-021-02	Granulation: Stack Dryer	---	---	0.002	1.6	0.004	---	---	Tons of Salt Granulated	
3-05-021-03	Filtration: Vacuum Filter	---	---	---	---	0.0	---	---	Tons of Salt Produced	
3-05-021-04	Crushing	---	---	0.0	0.0	0.0	---	---	Tons of Salt Handled	
3-05-021-05	Screening	---	---	0.0	0.0	0.0	---	---	Tons of Salt Handled	
3-05-021-06	Conveying	---	---	0.0	0.0	0.0	---	---	Tons of Salt Handled	
Potash Production - 1474										
3-05-022-01	Mine: Grinding/Drying	---	---	0.0	0.0	0.0	0.0	---	Tons Ore	
3-05-022-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Magnesium Carbonate - 1459										
3-05-024-01	Mine/Process: General	---	---	---	---	0.0	---	---	Tons Product	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Magnesium Carbonate - 1459										
3-05-024-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Sand/Gravel - 1442, 1446										
3-05-025-02	Aggregate Storage	0.33	0.12	0.0	0.0	0.0	0.0	---	Tons Product	
3-05-025-03	Material Transfer and Conveying	0.029	0.0064	0.0	0.0	0.0	0.0	---	Tons Product	
3-05-025-04	Hauling	52.0	---	0.0	0.0	0.0	0.0	---	Vehicle-Miles	
3-05-025-05	Pile Forming: Stacker	0.13	0.06	0.0	0.0	0.0	0.0	---	Tons Product	
3-05-025-06	Bulk Loading	0.02	0.0024	0.0	0.0	0.0	0.0	---	Tons Product	
3-05-025-07	Storage Piles	3796.0	1367.0	0.0	0.0	0.0	0.0	---	Acres of Storage Area	
3-05-025-08	Dryer	---	---	0.002	1.6	0.004	---	---	Tons Product	
3-05-025-09	Cooler	---	---	0.0	0.0	0.0	---	---	Tons Product	
3-05-025-10	Crushing	---	---	0.0	0.0	0.0	---	---	Tons Product	
3-05-025-11	Screening	---	0.12	0.0	0.0	0.0	---	---	Tons Product	
Diatomacous Earth - 1499, 3295										
3-05-026-01	Handling	---	---	0.0	0.0	0.0	0.0	---	Tons Product	
3-05-026-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Ceramic Electric Parts - 3264										
3-05-030-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Asbestos Mining - 1499										
3-05-031-01	Surface Blasting	---	---	0.0	0.0	0.0	0.0	---	Tons of Ore	
3-05-031-02	Surface Drilling	---	---	0.0	0.0	0.0	0.0	---	Tons of Ore	
3-05-031-03	Cobbing	---	---	0.0	0.0	0.0	0.0	---	Tons of Ore	
3-05-031-04	Loading	---	---	0.0	0.0	0.0	0.0	---	Tons of Ore	
3-05-031-05	Convey/Haul Asbestos	---	---	0.0	0.0	0.0	0.0	---	Tons of Ore	
3-05-031-06	Convey/Haul Waste	---	---	0.0	0.0	0.0	0.0	---	Tons of Ore	
3-05-031-07	Unloading	---	---	0.0	0.0	0.0	0.0	---	Tons of Ore	
3-05-031-08	Overburden Stripping	---	---	0.0	0.0	0.0	0.0	---	Tons Removed	
3-05-031-09	Ventilation of Process Operations	---	---	0.0	0.0	0.0	0.0	---	Tons of Ore	
3-05-031-10	Stockpiling	---	---	0.0	0.0	0.0	0.0	---	Tons of Ore	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Asbestos Mining - 1499										
3-05-031-11	Tailing Piles	---	---	0.0	0.0	0.0	0.0	---	Tons of Material	
3-05-031-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Asbestos Milling - 1499										
3-05-032-01	Crushing	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-032-02	Drying	---	---	---	---	---	---	---	Tons Processed	
3-05-032-03	Recrushing	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-032-04	Screening	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-032-05	Fiberizing	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-032-06	Bagging	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-032-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Vermiculite - 1499										
3-05-033-01	General	---	---	0.47	0.08	0.0	---	---	Tons Product	
Feldspar - 1459										
3-05-034-01	Ball Mill	---	8.4	---	---	---	---	---	Tons Rock Milled	
3-05-034-02	Dryer	---	---	---	---	---	---	---	Tons	
Pyrrhotite - 1479										
3-05-039-01	Fluid Bed Roaster	---	---	---	---	---	---	---	Tons Processed	
3-05-039-02	Reduction Kiln	---	---	---	---	---	---	---	Tons Processed	
Mining & Quarrying of Nonmetallic Minerals - 1400										
3-05-040-01	Open Pit Blasting	---	---	0.0	0.0	0.0	0.0	---	Hundreds of Tons of Material	
3-05-040-02	Open Pit Drilling	---	---	0.0	0.0	0.0	0.0	---	Hundreds of Tons of Material	
3-05-040-03	Open Pit Cobbing	---	---	0.0	0.0	0.0	0.0	---	Hundreds of Tons of Material	
3-05-040-10	Underground Ventilation	---	---	0.0	0.0	0.0	0.0	---	Hundreds of Tons of Material	
3-05-040-20	Loading	---	---	0.0	0.0	0.0	0.0	---	Hundreds of Tons of Material	
3-05-040-21	Convey/Haul Material	---	---	0.0	0.0	0.0	0.0	---	Hundreds of Tons of Material	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Mining & Quarrying of Nonmetallic Minerals - 1400										
3-05-040-22	Convey/Haul Waste	---	---	0.0	0.0	0.0	0.0	---	Material Hundreds of Tons of Material	
3-05-040-23	Unloading	---	---	0.0	0.0	0.0	0.0	---	Material Hundreds of Tons of Material	
3-05-040-24	Overburden Stripping	---	---	0.0	0.0	0.0	0.0	---	Material Hundreds of Tons of Material	
3-05-040-25	Stockpiling	---	---	0.0	0.0	0.0	0.0	---	Material Hundreds of Tons of Material	
3-05-040-30	Primary Crusher	---	---	0.0	0.0	0.0	0.0	---	Material Hundreds of Tons of Material	
3-05-040-31	Secondary Crusher	---	---	0.0	0.0	0.0	0.0	---	Material Hundreds of Tons of Material	
3-05-040-32	Ore Concentrator	---	---	0.0	0.0	0.0	0.0	---	Material Hundreds of Tons of Material	
3-05-040-33	Ore Dryer	---	---	---	---	---	---	---	Material Hundreds of Tons of Material	
3-05-040-34	Screening	---	---	0.0	0.0	0.0	0.0	---	Material Hundreds of Tons of Material	
3-05-040-36	Tailing Piles	---	---	0.0	0.0	0.0	0.0	---	Material Hundreds of Tons of Material	
3-05-040-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Material Hundreds of Tons of Material	
Mica - 1411, 1429										
3-05-090-01	Rotary Dryer	---	---	---	---	---	---	---	Tons	
3-05-090-02	Fluid Energy Mill-Grinding	---	---	---	---	---	---	---	Tons	
Sandspar - 1400										
3-05-091-01	Rotary Dryer	---	---	---	---	---	---	---	Tons	
Bulk Materials Elevators - 4491										
3-05-100-01	Unloading	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-100-02	Loading	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-100-03	Removal from Bins	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Bulk Materials Elevators - 4491										
3-05-100-04	Drying	---	---	---	---	---	---	---	Tons Processed	
3-05-100-05	Cleaning	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-100-06	Elevator Legs (Headhouse)	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-100-07	Tripper (Gallery Belt)	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
Bulk Materials Conveyors - 4491										
3-05-101-01	Ammonium Sulfate	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-101-02	Cement	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-101-03	Coal	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-101-04	Coke	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-101-05	Limestone	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-101-06	Phosphate Rock	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-101-07	Scrap Metal	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-101-08	Sulfur	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-101-96	Chemical: Specify in Comments	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-101-97	Fertilizer: Specify in Comments	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-101-98	Mineral: Specify in Comments	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-101-99	Other Not Classified	XXX	XXX	0.0	0.0	0.0	0.0	---	Tons Processed	
Bulk Materials Storage Bins - 4491										
3-05-102-01	Ammonium Sulfate	---	---	0.0	0.0	0.0	0.0	XXX	Tons Processed	
3-05-102-02	Cement	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-102-03	Coal	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-102-04	Coke	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-102-05	Limestone	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-102-06	Phosphate Rock	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-102-07	Scrap Metal	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-102-08	Sulfur	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-102-96	Chemical: Specify in Comments	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Bulk Materials Storage Bins - 4491										
3-05-102-97	Fertilizer: Specify in Comments	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-102-98	Mineral: Specify in Comments	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-102-99	Other Not Classified	XXX	XXX	0.0	0.0	0.0	0.0	XXX	Tons Processed	
Bulk Materials Open Stockpiles - 4491										
3-05-103-01	Ammonium Sulfate	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-103-02	Cement	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-103-03	Coal	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-103-04	Coke	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-103-05	Limestone	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-103-06	Phosphate Rock	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-103-07	Scrap Metal	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-103-08	Sulfur	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-103-96	Chemical: Specify in Comments	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-103-97	Fertilizer: Specify in Comments	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-103-98	Mineral: Specify in Comments	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-103-99	Other Not Classified	XXX	XXX	0.0	0.0	0.0	0.0	XXX	Tons Processed	
Bulk Materials Unloading Operation - 4491										
3-05-104-01	Ammonium Sulfate	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-104-02	Cement	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-104-03	Coal	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-104-04	Coke	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-104-05	Limestone	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-104-06	Phosphate Rock	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-104-07	Scrap Metal	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-104-08	Sulfur	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-104-96	Chemical: Specify in Comments	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-104-97	Fertilizer: Specify	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Bulk Materials Unloading Operation - 4491										
	in Comments									
3-05-104-98	Mineral: Specify in Comments	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-104-99	Other Not Classified	XXX	XXX	0.0	0.0	0.0	0.0	XXX	Tons Processed	
Bulk Materials Loading Operation - 4491										
3-05-105-01	Ammonium Sulfate	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-105-02	Cement	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-105-03	Coal	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-105-04	Coke	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-105-05	Limestone	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-105-06	Phosphate Rock	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-105-07	Scrap Metal	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-105-08	Sulfur	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-105-96	Chemical: Specify in Comments	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-105-97	Fertilizer: Specify in Comments	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-105-98	Mineral: Specify in Comments	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-05-105-99	Other Not Classified	XXX	XXX	0.0	0.0	0.0	0.0	XXX	Tons Processed	
Calcining - 4491										
3-05-150-01	Raw Material Handling	---	---	---	---	0.0	---	---	Tons Throughput	
3-05-150-02	General	---	---	---	---	0.0	---	---	Tons Throughput	
3-05-150-03	Grinding/Milling	---	---	---	---	0.0	---	---	Tons Throughput	
3-05-150-04	Finished Product Handling	---	---	---	---	0.0	---	---	Tons Throughput	
3-05-150-05	Mixing	---	---	---	---	0.0	---	---	Tons Throughput	
Fugitive Emissions - 1100, 1400, 2900, 4400										
3-05-888-01	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-05-888-02	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Fugitive Emissions - 1100, 1400, 2900, 4400										
3-05-888-03	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-05-888-04	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-05-888-05	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
Mineral Products: Other Not Classified - 1100, 1400, 2900, 4400										
3-05-999-99	Specify in Comments Field	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Product	
MINERAL PRODUCTS - FUEL FIRED EQUIPMENT										
Process Heaters - 1100, 1400, 2900, 4400										
3-05-900-01	Distillate Oil (No. 2)	---	---	143.6 S	20.0	0.2	---	---	1000 Gallons Burned	
3-05-900-02	Residual Oil	---	---	158.6 S	55.0	0.28	---	---	1000 Gallons Burned	
3-05-900-03	Natural Gas	---	---	0.6	140.0	2.8	---	---	Million Cubic Feet Burned	
Incinerators - 1100, 1400, 2900, 4400										
3-05-900-11	Distillate Oil (No. 2)	---	---	---	---	0.4	---	---	1000 Gallons Burned	
3-05-900-12	Residual Oil	---	---	---	---	0.56	---	---	1000 Gallons Burned	
3-05-900-13	Natural Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
Flares - 1100, 1400, 2900, 4400										
3-05-900-23	Natural Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
PETROLEUM INDUSTRY - MAJOR GROUP 29 (f)										
Process Heaters - 2911										
3-06-001-03	Oil Fired	12.0 S,(b)	7.4 S	158.6 S	55.0	0.3	5.0	---	1000 Gallons Burned	
3-06-001-04	Gas Fired	3.0	3.0	950.0 S,(c)	140.0	2.8	35.0	---	Million Cubic Feet Burned	
3-06-001-05	Natural Gas-Fired	3.0	3.0	0.6	140.0	2.8	35.0	---	Million Cubic Feet Burned	
3-06-001-06	Process Gas-Fired	3.0	3.0	950.0 S,(c)	140.0	2.8	35.0	---	Million Cubic Feet Burned	
3-06-001-07	LPG Fired	0.27	0.27	86.5 S,(c)	12.8	0.26	3.2	---	1000 Gallons Burned	
3-06-001-08	Landfill Gas-Fired	---	---	---	---	2.8	---	---	Million Cubic Feet Burned	
3-06-001-11	Oil Fired (>100 MMBTU) Grade 6	13.0 S	9.6 S	159.3 S	67.0	0.76	5.0	---	1000 Gallons Burned	
3-06-001-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Gallons Heated	
Fluid Catalytic Cracking Units - 2911										
3-06-002-01	Fluid Catalytic Cracking Unit	242.0	169.4	493.0	71.0	140.8	13700.0	---	1000 Barrels Fresh Feed	
3-06-002-02	Catalyst Handling System	---	---	---	---	0.0	---	---	1000 Barrels Fresh Feed	
3-06-003-01	Thermal Catalytic Cracking Unit	17.0	11.9	60.0	5.0	55.7	3800.0	---	1000 Barrels Fresh Feed	
Blowdown Systems - 2911										
3-06-004-01	Blowdown System w/ Vapor Recovery Sys. w/ Flaring	0.0	0.0	26.9	18.9	0.8	4.3	---	1000 Barrels Refinery Feed	
3-06-004-02	Blowdown System w/o Controls	0.0	0.0	0.0	0.0	580.0	0.0	---	1000 Barrels Refinery Capacity	
Fugitive Emissions - 2911										
3-06-005-03	Process Drains and Wastewater	0.0	0.0	0.0	0.0	5.0	0.0	---	1000 Gallons Wastewater	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Fugitive Emissions - 2911										
3-06-005-04	Separators Process Drains and Wastewater Separators	0.0	0.0	0.0	0.0	200.0	0.0	---	1000 Barrels Refinery Feed	
3-06-005-05	Wastewater Treatment w/o Separator	0.0	0.0	0.0	0.0	0.04	0.0	---	1000 Gallons Wastewater	
3-06-005-06	Wastewater Treatment w/o Separator	0.0	0.0	0.0	0.0	0.77	0.0	---	1000 Barrels Refinery Feed	
Vacuum Distillate Column Condensors - 2911										
3-06-006-02	Vacuum Distillation Column Condensor	0.0	0.0	0.0	0.0	50.0	0.0	---	1000 Barrels Vacuum Feed	
3-06-006-03	Vacuum Distillation Column Condensor	0.0	0.0	0.0	0.0	18.0	0.0	---	1000 Barrels Refinery Feed	
Cooling Towers - 2911										
3-06-007-01	Cooling Towers	0.0	0.0	0.0	0.0	6.0	0.0	---	Million Gallons Cooling Water	
3-06-007-02	Cooling Towers	0.0	0.0	0.0	0.0	10.0	0.0	---	1000 Barrels Refinery Feed	
Fugitive Emissions - 2911										
3-06-008-01	Pipeline Valves and Flanges	0.0	0.0	0.0	0.0	16.3	0.0	---	1000 Barrels Refinery Feed	
3-06-008-02	Vessel Relief Valves	0.0	0.0	0.0	0.0	2.9	0.0	---	1000 Barrels Refinery Feed	
3-06-008-03	Pump Seals w/o Controls	0.0	0.0	0.0	0.0	4.11	0.0	---	1000 Barrels Refinery Feed	
3-06-008-04	Compressor Seals	0.0	0.0	0.0	0.0	3.7	0.0	---	1000 Barrels Refinery Feed	
3-06-008-05	Misc: Sampling/ Non-Asphalt Blowing /Purging/etc.	0.0	0.0	0.0	0.0	10.0	0.0	---	1000 Barrels Refinery Feed	
3-06-008-06	Pump Seals w/ Controls	0.0	0.0	0.0	0.0	4.11	0.0	---	1000 Barrels Refinery Feed	
3-06-008-07	Blind Changing	0.0	0.0	0.0	0.0	0.3	0.0	---	1000 Barrels Refinery	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Fugitive Emissions - 2911										
Pipeline Valves - 2911									Feed	
3-06-008-11	Pipeline Valves: Gas Streams	0.0	0.0	0.0	0.0	516.84	0.0	---	Valves in Operation (Annual Basis)	
3-06-008-12	Pipeline Valves: Light Liquid/Gas Stream	0.0	0.0	0.0	0.0	210.24	0.0	---	Valves in Operation (Annual Basis)	
3-06-008-13	Pipeline Valves: Heavy Liquid Stream	0.0	0.0	0.0	0.0	4.38	0.0	---	Valves in Operation (Annual Basis)	
3-06-008-14	Pipeline Valves: Hydrogen Streams	0.0	0.0	0.0	0.0	157.68	0.0	---	Valves in Operation (Annual Basis)	
3-06-008-15	Open-ended Valves: All Streams	0.0	0.0	0.0	0.0	43.8	0.0	---	Valves in Operation (Annual Basis)	
3-06-008-16	Flanges: All Streams	0.0	0.0	0.0	0.0	4.9	0.0	---	Flanges in Operation (Annual Basis)	
3-06-008-17	Pump Seals: Light Liquid/Gas Streams	0.0	0.0	0.0	0.0	2190.0	0.0	---	Seals in Operation (Annual Basis)	
3-06-008-18	Pump Seals: Heavy Liquid Streams	0.0	0.0	0.0	0.0	402.96	0.0	---	Seals in Operation (Annual Basis)	
3-06-008-19	Compressor Seals: Gas Streams	0.0	0.0	0.0	0.0	12264.0	0.0	---	Seals in Operation (Annual Basis)	
3-06-008-20	Compressor Seals: Heavy Liquid Streams	0.0	0.0	0.0	0.0	963.6	0.0	---	Seals in Operation (Annual Basis)	
3-06-008-21	Drains: All Streams	0.0	0.0	0.0	0.0	613.2	0.0	---	Drains in Operation (Annual Basis)	
3-06-008-22	Vessel Relief Valves: All Streams	0.0	0.0	0.0	0.0	3153.6	0.0	---	Valves in Operation (Annual Basis)	
Flares - 2900										
3-06-009-03	Natural Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
3-06-009-04	Process Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
3-06-009-05	Liquified Petroleum Gas	---	---	---	---	---	---	---	1000 Gallons Burned	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Sludge Converter - 2999										
3-06-010-01	General	---	---	---	---	0.2	---	---	Tons Processed	
Asphalt Blowing - 2911										
3-06-011-01	Asphalt Blowing: General	---	---	0.0	0.0	60.0	0.0	---	Tons of Asphalt Produced	
Fluid Coking Units - 2911										
3-06-012-01	Fluid Coking Units: General	523.0 (c)	366.0	0.0	0.0	16.0	---	---	1000 Barrels Fresh Feed	
Petroleum Coke Calcining - 2911										
3-06-014-01	Coke Calciner	---	---	15.0	1.2	0.8	---	---	Tons Raw Coke Processed	
Bauxite Burning - 2911										
3-06-015-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Bauxite Material Used	
Incinerators - 2911										
3-06-099-01	Distillate Oil (No. 2)	---	---	---	---	0.4	---	---	1000 Gallons Burned	
3-06-099-02	Residual Oil	---	---	---	---	0.56	---	---	1000 Gallons Burned	
3-06-099-03	Natural Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
3-06-099-04	Process Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
3-06-099-05	Liquified Petroleum Gas	---	---	---	---	---	---	---	1000 Gallons Burned	
Lube Oil Refining - 2922										
3-06-100-01	General	---	---	---	---	---	---	---	1000 Barrels Lube Oil	
Fugitive Emissions - 2900										
3-06-888-01	Specify in Comments Field	---	---	---	---	---	---	---	1000 Barrels Refinery Feed	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Fugitive Emissions - 2900										
3-06-888-02	Specify in Comments Field	---	---	---	---	---	---	---	1000 Barrels Refinery Feed	
3-06-888-03	Specify in Comments Field	---	---	---	---	---	---	---	1000 Barrels Refinery Feed	
3-06-888-04	Specify in Comments Field	---	---	---	---	---	---	---	1000 Barrels Refinery Feed	
3-06-888-05	Specify in Comments Field	---	---	---	---	---	---	---	1000 Barrels Refinery Feed	
PULP & PAPER AND WOOD PRODUCTS - MAJOR GROUPS 24, 25, 26, & 27										
Sulfate (Kraft) Pulping - 2611, 2621, 2631										
3-07-001-01	Digestor Relief and Blow Tank: General	0.0	0.0	0.0	0.0	0.0	0.0	---	Air-Dry Tons Unbleached Pulp	
3-07-001-02	Washer/Screens: General	0.0	0.0	0.01	0.0	0.2	0.0	---	Air-Dry Tons Unbleached Pulp	
3-07-001-03	Multi-Effect Evaporator: General	0.0	0.0	0.01	0.0	0.0	0.0	---	Air-Dry Tons Unbleached Pulp	
3-07-001-04	Recovery Furnace / Direct Contact Evaporator	180.0	168.0	7.0	1.0	1.95	11.0	---	Air-Dry Tons Unbleached Pulp	
3-07-001-05	Smelt Dissolving Tank: General	7.0	6.2	0.2	2.9	0.16	0.0	---	Air-Dry Tons Unbleached Pulp	
3-07-001-06	Lime Kiln: General	56.0	9.4	0.3	1.0	0.25	0.1	---	Air-Dry Tons Unbleached Pulp	
3-07-001-07	Turpentine Condensor: General	0.0	0.0	0.0	0.0	0.07	0.0	---	Air-Dry Tons Unbleached Pulp	
3-07-001-08	Fluid Bed Calciner: General	72.0 (c)	50.4	0.3	1.0	0.25	---	---	Air-Dry Tons Unbleached Pulp	
3-07-001-09	Liquor Oxidation Tower: General	---	---	0.02	0.0	0.45	---	---	Air-Dry Tons Unbleached Pulp	
3-07-001-10	Recovery Furnace / Indirect Contact Evaporator	230.0	230.0	1.5	2.0	0.8	11.0	---	Air-Dry Tons Unbleached Pulp	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Sulfate (Kraft) Pulping - 2611, 2621, 2631										
3-07-001-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Air-Dry Tons Unbleached Pulp	
Sulfite Pulping - 2611, 2621, 2631										
3-07-002-03	Digester/Blow Pit/Dump Tank: All Bases except Ca	0.0	0.0	40.0	0.0	0.0	---	---	Air-Dry Tons Unbleached Pulp	
3-07-002-11	Digester/Blow Pit/Dump Tank: Calcium	0.0	0.0	67.0	0.0	0.0	---	---	Air-Dry Tons Unbleached Pulp	
3-07-002-12	Digester/Blow Pit/Dump Tank: MgO w/ Recovery Sys.	0.0	0.0	0.0	0.0	0.0	---	---	Air-Dry Tons Unbleached Pulp	
3-07-002-13	Digester/Blow Pit/Dump Tank: MgO w/ Process Change	0.0	0.0	0.2	0.0	0.0	---	---	Air-Dry Tons Unbleached Pulp	
3-07-002-14	Digester/Blow Pit/Dump Tank: NH3 w/ Process Change	0.0	0.0	0.4	0.0	0.0	---	---	Air-Dry Tons Unbleached Pulp	
3-07-002-15	Digester/Blow Pit/Dump Tank: Na w/ Process Change	0.0	0.0	2.0	0.0	0.0	---	---	Air-Dry Tons Unbleached Pulp	
3-07-002-21	Recovery System: MgO	---	---	---	0.0	3.5	---	---	Air-Dry Tons Unbleached Pulp	
3-07-002-22	Recovery System: NH3	---	---	---	0.0	3.5	---	---	Air-Dry Tons Unbleached Pulp	
3-07-002-23	Recovery System: Na	---	---	---	0.0	3.5	---	---	Air-Dry Tons Unbleached Pulp	
3-07-002-31	Acid Plant: NH3	---	---	---	0.0	0.0	---	---	Air-Dry Tons Unbleached Pulp	
3-07-002-32	Acid Plant: Na	---	---	---	0.0	0.0	---	---	Air-Dry Tons Unbleached Pulp	
3-07-002-33	Acid Plant: Ca	---	---	---	0.0	0.0	---	---	Air-Dry Tons Unbleached Pulp	
3-07-002-34	Knotters/Washers /	0.0	0.0	12.0	0.0	0.0	---	---	Air-Dry Tons Unbleached Pulp	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Sulfite Pulping - 2611, 2621, 2631										
	Screens/etc.									Unbleached Pulp
Neutral Sulfite Semichemical Pulping - 2611, 2621, 2631										
3-07-003-01	Digester/Blow Pit/Dump Tank: General	---	---	0.2	0.0	0.0	---	---	Air-Dry Tons	Unbleached Pulp
3-07-003-02	Evaporator: General	---	---	0.01	0.0	0.0	---	---	Air-Dry Tons	Unbleached Pulp
3-07-003-03	Fluid Bed Reactor: General	---	---	---	1.0	0.25	---	---	Air-Dry Tons	Unbleached Pulp
3-07-003-04	Sulfur Burner/ Absorbers: General	---	---	20.0	0.0	0.0	---	---	Air-Dry Tons	Unbleached Pulp
Pulpboard Manufacture - 2611, 2621, 2631, 2493										
3-07-004-01	Paperboard: General	0.0	0.0	---	---	0.2	---	---	Tons Finished Product	
3-07-004-02	Fiberboard: General	0.6	0.35	---	---	2.5	---	---	Tons Finished Product	
Wood Pressure Treating - 2491										
3-07-005-01	Cresote	---	---	---	---	0.0	---	---	Tons of Wood Treated	
3-07-005-97	Other Not Classified	---	---	---	---	---	---	---	1000 Cubic Feet	
3-07-005-98	Other Not Classified	---	---	---	---	---	---	---	1000 Board Feet	
3-07-005-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons of Wood Treated	
Plywood/Particleboard Operations - 2435, 2436, 2493										
3-07-007-01	General: Not Classified	4.25	2.47	---	---	1.52	---	---	10*4 Sq. Ft. of 3/8 In. Plywood Produced	
3-07-007-02	Sanding Operations	---	---	0.0	0.0	0.0	0.0	---	Tons Processed	
3-07-007-03	Particleboard Drying	0.6	0.35	0.0	0.0	0.0	0.0	---	Tons Processed	
3-07-007-04	Waferboard Dryer	859.0	498.0	17.0	114.0	409.0	---	---	1000 Pounds Wafers/Chips Dried	
3-07-007-05	Hardboard: Coe Dryer	---	---	0.0	0.3	1.0	---	---	Tons of Dry Product	
3-07-007-06	Hardboard: Predryer	---	---	0.0	0.3	1.0	---	---	Tons of Dry Product	
3-07-007-07	Hardboard: Pressing	---	---	0.0	0.0	1.45	---	---	Tons of Dry Product	
3-07-007-08	Hardboard: Tempering	---	---	0.0	0.0	0.0	---	---	Tons of Dry Product	
3-07-007-09	Hardboard: Bake Oven	---	---	0.0	0.1	0.003	---	---	Tons Product	
3-07-007-11	Fir-Sapwood-Steam	4.64	2.69	0.0	---	0.45	---	---	10*4 Sq. Ft. of 3/8	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Plywood/Particleboard Operations - 2435, 2436, 2493										
3-07-007-12	Fir-Sapwood-Gas Fired Dryer	2.37	1.37	0.0	---	7.53	---	---	In. Plywood Produced 10*4 Sq. Ft. of 3/8	
3-07-007-13	Fir-Heartwood Plywood Veneer Dryer	3.18	1.84	0.0	---	1.3	---	---	In. Plywood Produced 10*4 Sq. Ft. of 3/8	
3-07-007-14	Larch Plywood Veneer Dryer	4.14	2.4	0.0	---	0.19	---	---	In. Plywood Produced 10*4 Sq. Ft. of 3/8	
3-07-007-15	Souther Pine Plywood Veneer Dryer	3.7	2.15	0.0	---	2.94	---	---	In. Plywood Produced 10*4 Sq. Ft. of 3/8	
PULP & PAPER AND WOOD PRODUCTS - MAJOR GROUPS 24, 25, 26 & 27										
Plywood/Particleboard Operations - 2435, 2436, 2493										
3-07-007-16	Poplar-Wood Fired Veneer Dryer	---	---	---	---	---	---	---	In. Plywood Produced 10*4 Sq. Ft. of 3/8	
PULP & PAPER AND WOOD PRODUCTS - MAJOR GROUPS 24, 25, 26, & 27										
Plywood/Particleboard Operations - 2435, 2436, 2493										
3-07-007-98	Other Not Classified	---	---	---	---	---	---	---	1000 Board Feet	
3-07-007-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Sawmill Operations - 2421, 2426, 2429, 2411										
3-07-008-01	Log Debarking: General	0.02	0.011	0.0	0.0	0.0	---	---	Tons of Logs Processed	
3-07-008-02	Log Sawing: General	0.35	0.2	0.0	---	0.0	---	---	Tons of Logs Processed	
3-07-008-03	Sawdust Pile Handling: General	1.0	0.36	0.0	---	0.0	---	---	Tons of Sawdust	
3-07-008-04	Sawing: Cyclone Exhaust	2.25	0.9	0.0	0.0	0.0	0.0	---	SCFM Average Airflow	
3-07-008-05	Planning/Trimming: Cyclone Exhaust	2.25	0.9	0.0	0.0	0.0	0.0	---	SCFM Average Airflow	
3-07-008-06	Sanding: Cyclone	4.0	2.0	0.0	0.0	0.0	0.0	---	SCFM Average Airflow	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Sawmill Operations - 2421, 2426, 2429, 2411										
3-07-008-07	Exhaust Sanderdust: Cyclone Exhaust	5.0	2.5	0.0	0.0	0.0	0.0	---	Hours of Operation	
3-07-008-08	Other Cyclones: Exhaust	2.0	0.8	0.0	0.0	0.0	0.0	---	Hours of Operation	
3-07-008-96	Other Not Classified	---	---	---	---	---	---	---	1000 Cubic Feet	
3-07-008-97	Other Not Classified	---	---	---	---	---	---	---	GALLONS	
3-07-008-98	Other Not Classified	---	---	---	---	---	---	---	1000 Board Feet	
3-07-008-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Paper Coating and Glazing - 2671, 2672										
3-07-011-99	Extrusion Coating Line w/ Solvent Free Resin/Wax	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Resin/Wax Consumed	
Miscellaneous Paper Products - 2679										
3-07-013-01	Shredding Newspaper for Insulation Mfg.	---	---	---	---	---	---	---	Tons of Paper Shredded	
3-07-013-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Furniture Manufacture - 2500 *(u)*										
3-07-020-98	Other Not Classified	---	---	12.0	---	---	---	---	1000 Board Feet	
3-07-020-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Miscellaneous Woodworking Operations - 2420, 2430 *(u)*										
3-07-030-01	Wood Waste Storage Bin Vent	1.0	0.58	0.0	0.0	0.0	0.0	---	Tons of Woodwaste	
3-07-030-02	Wood Waste Storage Bin Loadout	2.0	1.2	0.0	0.0	0.0	0.0	---	Tons of Woodwaste	
3-07-030-96	Sanding/Planning Operations: Specify	---	---	---	---	---	---	---	1000 Square Feet	
3-07-030-97	Sanding/Planning Operations: Specify	---	---	---	---	---	---	---	Each	
3-07-030-98	Sanding/Planning Operations: Specify	---	---	---	---	---	---	---	1000 Board Feet	
3-07-030-99	Sanding/Planning	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Miscellaneous Woodworking Operations - 2420, 2430 (u)										
	Operations: Specify									
Fugitive Emissions - 2400, 2500, 2600, 2700										
3-07-888-01	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-07-888-02	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-07-888-03	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-07-888-04	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-07-888-05	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-07-888-98	Specify in Comments Field	---	---	---	---	---	---	---	1000 Board Feet	
Pulp & Paper and Wood Products: Other Not Classified - 2400, 2500, 2600, 2700										
3-07-999-98	Other Not Classified	---	---	---	---	---	---	---	1000 Board Feet Produced	
PULP & PAPER AND WOOD PRODUCTS - FUEL FIRED EQUIPMENT										
Process Heaters - 2400, 2500, 2600, 2700										
3-07-900-01	Distillate Oil (No. 2)	---	---	143.6 S	20.0	0.2	---	---	1000 Gallons Burned	
3-07-900-02	Residual Oil	---	---	158.6 S	55.0	0.28	---	---	1000 Gallons Burned	
3-07-900-03	Natural Gas	---	---	0.6	140.0	2.8	---	---	Million Cubic Feet Burned	
Incinerators - 2400, 2500, 2600, 2700										
3-07-900-11	Distillate Oil (No. 2)	---	---	---	---	0.4	---	---	1000 Gallons Burned	
3-07-900-12	Residual Oil	---	---	---	---	0.56	---	---	1000 Gallons Burned	
3-07-900-13	Natural Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Flares - 2400, 2500, 2600, 2700										
3-07-900-21	Distillate Oil (No. 2)	---	---	---	---	---	---	---	1000 Gal. Burned	
3-07-900-22	Residual Oil	---	---	---	---	---	---	---	1000 Gal. Burned	
3-07-900-23	Natural Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS - MAJOR GROUPS 30 & 75										
Tire Manufacture - 3011 (v)										
3-08-001-01	Undertread and Sidewall Cementing	---	---	---	---	208.5 (c)	---	---	1000 Tires Produced	
3-08-001-02	Bead Dipping	---	---	---	---	18.0 (c)	---	---	1000 Tires Produced	
3-08-001-03	Bead Swabbing	---	---	---	---	18.0	---	---	1000 Tires Produced	
3-08-001-04	Tire Building	---	---	---	---	72.75 (c)	---	---	1000 Tires Produced	
3-08-001-05	Tread End Cementing	---	---	---	---	33.0	---	---	1000 Tires Produced	
3-08-001-06	Green Tire Spraying	---	---	---	---	220.5 (c)	---	---	1000 Tires Produced	
3-08-001-07	Tire Curing	---	---	---	---	4.4 (c)	---	---	1000 Tires Produced	
3-08-001-08	Solvent Mixing	---	---	---	---	130.0	---	---	Tons Solvent	
3-08-001-09	Solvent Storage	---	---	---	---	0.0	---	---	Tons Solvent	
3-08-001-10	Solvent Storage	---	---	---	---	0.0	---	---	1000 Gallon Throughput	
3-08-001-20	Undertread and Sidewall Cementing	---	---	---	---	1800.0	---	---	Tons Solvent Used	
3-08-001-21	Tread End Cementing	---	---	---	---	1800.0	---	---	Tons Solvent Used	
3-08-001-22	Bead Dipping	---	---	---	---	1800.0	---	---	Tons Solvent Used	
3-08-001-23	Green Tire Spraying	---	---	---	---	1840.0	---	---	Tons Solvent Used	
3-08-001-97	Other Not Classified	---	---	---	---	---	---	---	Each	
3-08-001-98	Other Not Classified	---	---	---	---	---	---	---	Gallons	
3-08-001-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Product	
Tire Retreading - 7534										
3-08-005-01	Tire Buffing Machines	---	---	0.0	0.0	600.0	---	---	1000 Tires Processed	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Other Fabricated Plastics Products - 3021, 3052, 3061, 3069										
3-08-006-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Product	
Fabricated Plastics Products - 3080										
3-08-007-01	Plastics Machining: Drilling/ Sanding/ Sawing/etc.	---	---	0.0	0.0	13.0	---	---	Tons Processed	
3-08-007-02	Mould Release	---	---	0.0	0.0	0.0	---	---	Tons Product	
3-08-007-03	Solvent Consumption	---	---	---	---	640.0	---	---	Tons Solvent	
3-08-007-04	Adhesive Consumption	---	---	---	---	640.0	---	---	Tons Adhesive	
3-08-007-05	Wax Burnout Oven	---	---	---	---	0.0	---	---	Tons of Wax Burned	
Fiberglass Resin Products - 3080										
3-08-007-20	General	---	---	---	---	---	---	---	Tons Produced	
3-08-007-21	Gel Coat-Roll On	---	---	---	---	940.0	---	---	Tons Coating Applied	
3-08-007-22	Gel Coat-Spray On	---	---	---	---	600.0	---	---	Tons Coating Applied	
3-08-007-23	Resin-General-Roll On	---	---	---	---	500.0	---	---	Tons Coating Applied	
3-08-007-24	Resin-General-Spray On	---	---	---	---	220.0	---	---	Tons Coating Applied	
Fabricated Plastics Products - 3080										
3-08-007-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Product	
Plastic Foam Products - 3000										
3-08-008-01	Expansion Process via Steam	---	---	---	---	---	---	---	Tons Product	
3-08-008-02	Molding	---	---	---	---	---	---	---	Tons Product	
3-08-008-03	Bead Storage	---	---	---	---	---	---	---	Tons Stored	
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS - MAJOR GROUPS 30 & 75										
Fabricated Plastic Products - 3080										
3-08-009-01	Polystyren: General (Molding)	---	---	---	---	49.8	---	---	Tons of Resin Consumed	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
RUBBER AND MISCELLANEOUS PLASTICS PRODUCTS - MAJOR GROUPS 30 & 75										
Process Heaters - 3000, 7500										
3-08-900-01	Distillate Oil (No. 2)	---	---	143.6 S	20.0	0.2	---	---	1000 Gallons Burned	
3-08-900-02	Residual Oil	---	---	158.6 S	55.0	0.28	---	---	1000 Gallons Burned	
3-08-900-03	Natural Gas	---	---	0.6	140.0	2.8	---	---	Million Cubic Feet Burned	
3-08-900-04	Liquified Petroleum Gas (LPG)	---	---	---	---	---	---	---	1000 Gallons Burned	
Incinerators - 3000, 7500										
3-08-900-11	Distillate Oil (No. 2)	---	---	---	---	0.4	---	---	1000 Gallons Burned	
3-08-900-12	Residual Oil	---	---	---	---	0.56	---	---	1000 Gallons Burned	
3-08-900-13	Natural Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
Flares - 3000, 7500										
3-08-900-23	Natural Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
Other Not Classified - 3000, 7500										
3-08-999-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
FABRICATED METAL PRODUCTS - MAJOR GROUPS 34 & 50										
General Processes - 3400										
3-09-001-98	Other Not Classified	---	---	---	---	---	---	---	Gallons	
3-09-001-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Abrasive Blasting of Metal Parts - 3400										
3-09-002-01	General	---	---	0.0	0.0	0.0	0.0	---	Tons Abrasive Consumed	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Abrasive Blasting of Metal Parts - 3400										
3-09-002-02	Sand Abrasive	---	---	0.0	0.0	0.0	0.0	---	Tons Abrasive Consumed	
3-09-002-03	Slag Abrasive	---	---	0.0	0.0	0.0	0.0	---	Tons Abrasive Consumed	
3-09-002-04	Garnet Abrasive	---	---	0.0	0.0	0.0	0.0	---	Tons Abrasive Consumed	
3-09-002-05	Steel Grit Abrasive	---	---	0.0	0.0	0.0	0.0	---	Tons Abrasive Consumed	
3-09-002-06	Walnut Shell Abrasive	---	---	0.0	0.0	0.0	0.0	---	Tons Abrasive Consumed	
3-09-002-07	Shotblast w/ Air	---	---	0.0	0.0	0.0	0.0	---	Tons Shot Consumed	
3-09-002-08	Shotblast w/o Air	---	---	0.0	0.0	0.0	0.0	---	Tons Shot Consumed	
3-09-002-98	General	---	---	---	---	---	---	---	Linear Feet	
3-09-002-99	General	XXX	XXX	0.0	0.0	0.0	0.0	XXX	Each	
Abrasive Cleaning of Metal Parts - 3400										
3-09-003-01	Brush Cleaning	---	---	0.0	0.0	0.0	---	---	Tons Abrasive Consumed	
3-09-003-02	Tumble Cleaning	---	---	0.0	0.0	0.0	---	---	Tons Abrasive Consumed	
3-09-003-03	Polishing	---	---	0.0	0.0	0.0	---	---	Tons Abrasive Consumed	
3-09-003-04	Buffing	---	---	0.0	0.0	0.0	---	---	Tons Abrasive Consumed	
Electroplating Operations - 3471										
3-09-010-01	General: Entire Process	---	---	0.0	0.009	0.026	---	---	Square Feet of Product Plated	
3-09-010-97	Other Not Classified	---	---	---	---	---	---	---	Tons Makeup	
3-09-010-98	Other Not Classified	---	---	---	---	---	---	---	Gallons	
Conversion Coating of Metal Products - 3471										
3-09-011-01	Alkaline Cleaning Bath	---	---	0.0	0.3	0.0	---	---	Tons Processed	
3-09-011-02	Acid Cleaning Bath	---	---	0.6	13.0	0.0	---	---	Tons Processed	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Conversion Coating of Metal Products - 3471										
	(Pickling)									
3-09-011-03	Anodizing Kettle	---	---	0.0	0.2	0.0	---	---	Tons Processed	
3-09-011-04	Rinsing/Finishing	---	---	0.0	8.0	100.0	---	---	Tons Processed	
3-09-011-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Gallons	
Chemical Milling of Metal Products - 3471										
3-09-015-01	Milling Tank	---	---	---	160.0	0.0	---	---	Tons Processed	
Metal Pipe Coating of Metal Parts - 3479										
3-09-016-01	Asphalt Dipping	---	---	---	---	1000.0	---	---	Tons Pipe Processed	
3-09-016-02	Pipe Spinning	---	---	---	---	---	---	---	Tons Pipe Processed	
3-09-016-03	Pipe Wrapping	---	---	---	---	---	---	---	Tons Pipe Processed	
3-09-016-04	Coal Tar/Asphalt Melting Kettle	---	---	---	---	0.0	---	---	Tons Coating Material Melted	
3-09-016-05	Asphalt Dipping	---	---	---	---	13.0	---	---	1000 Square Feet Pipe Processed	
3-09-016-06	Pipe Spinning	---	---	---	---	13.0	---	---	1000 Square Feet Pipe Processed	
3-09-016-07	Pipe Wrapping	---	---	---	---	13.0	---	---	1000 Square Feet Pipe Processed	
Drum Cleaning/Reclamation - 5085										
3-09-025-01	Drum Burning Furnace	0.035	0.02	0.002	1.5	0.002	---	---	Drums Burned	
Machining Operations - 3400, 5000										
3-09-030-05	Sawing: Specify Material in Comments	---	---	---	---	---	---	---	Tons Processed	
3-09-030-06	Honing: Specify Material in Comments	---	---	---	---	---	---	---	Tons Processed	
Metal Deposition Processes - 3400, 5000										
3-09-040-01	Metallizing: Wire Atomization and Spraying	---	---	0.0	0.0	340.0	---	0.5	Tons Sprayed Metal Consumed	
3-09-040-10	Thermal Spraying of Powdered Metal	---	---	0.0	0.0	0.0	---	---	Tons Sprayed Metal Consumed	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Metal Deposition Processes - 3400, 5000										
3-09-040-20	Plasma Arc Spraying of Powdered Metal	---	---	0.0	0.0	130.0	---	---	Tons Sprayed Metal Consumed	
3-09-040-30	Tinning: Batch Process	---	2.8	---	---	---	---	---	Tons Tin Consumed	
Porcelain Enamel/Ceramic Glaze Spraying - 3431										
3-09-060-01	Spray Booth	---	---	---	---	---	---	---	Gallons Wet Mixed Slurry Sprayed	
3-09-060-99	Spray Booth	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Fugitive Emissions - 3400, 5000										
3-09-888-01	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-09-888-02	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-09-888-03	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-09-888-04	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
3-09-888-05	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
Process Heaters - 3400, 5000										
3-09-900-01	Distillate Oil (No. 2)	---	---	143.6 S	20.0	0.2	---	---	1000 Gallons Burned	
3-09-900-02	Residual Oil	---	---	158.6 S	55.0	0.28	---	---	1000 Gallons Burned	
3-09-900-03	Natural Gas	---	---	0.6	140.0	2.8	---	---	Million Cubic Feet Burned	
Incinerators - 3400, 5000										
3-09-900-11	Distillate Oil (No. 2)	---	---	---	---	0.4	---	---	1000 Gallons Burned	
3-09-900-12	Residual Oil	---	---	---	---	0.56	---	---	1000 Gallons Burned	
3-09-900-13	Natural Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Flares - 3400, 5000										
3-09-900-23	Natural Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
Other Not Classified - 3400, 5000										
3-09-999-97	Other Not Classified	---	---	---	---	---	---	---	Thousand Pieces Processed	
3-09-999-98	Other Not Classified	---	---	---	---	---	---	---	Million Pieces Processed	
3-09-999-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
OIL AND GAS PRODUCTION - MAJOR GROUP 13										
Crude Oil Production - 1311										
3-10-001-01	Complete Well: Fugitive Emissions	---	---	---	---	396.0	---	---	Wells/Year in Operation	
3-10-001-02	Miscellaneous Well: General	---	---	---	---	280.0	---	---	Wells/Year in Operation	
3-10-001-03	Wells-Rod Pumps	---	---	---	---	455.0	---	---	Wells/Year in Operation	
3-10-001-04	Crude Oil Sumps	---	---	---	---	9.0	---	---	Square Feet Sump Area/Year	
3-10-001-05	Crude Oil Pits	---	---	---	---	9.0	---	---	Square Feet Sump Area/Year	
3-10-001-99	Processing Operations: Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	1000 Barrels Produced	
Natural Gas Production - 1311										
3-10-002-01	Gas Sweeting: Amine Process	0.0	0.0	1685.0 S	0.0	0.0	0.0	---	Million Cubic Feet Sour Gas Processed	
3-10-002-02	Gas Stripping Operations	---	---	310.0	---	6.0	---	---	Million Cubic Feet of Gas Produced	
3-10-002-03	Compressors	---	---	---	---	6.0	---	---	Million Cubic Feet of Gas Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Natural Gas Production - 1311										
3-10-002-04	Wells	---	---	---	---	35.0	---	---	Million Cubic Feet of Gas Produced	
3-10-002-05	Flares	---	---	---	---	5.6	---	---	Million Cubic Feet of Gas Produced	
3-10-002-06	Gas Lift	---	---	---	---	6.0	---	---	Million Cubic Feet of Gas Produced	
3-10-002-07	Valves: Fugitive Emissions	---	---	---	---	---	---	---	Million Cubic Feet of Gas Produced	
3-10-002-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Million Cubic Feet of Gas Produced	
Process Heaters - 1300										
3-10-004-01	Distillate Oil (No. 2)	2.0	1.0	143.6 S	20.0	0.2	5.0	---	1000 Gallons Burned	
3-10-004-02	Residual Oil	12.0 S,(c)	10.3 S	158.6 S	55.0	0.28	5.0	---	1000 Gallons Burned	
3-10-004-03	Crude Oil	12.0 S,(c)	10.3 S	158.6 S	55.0	0.28	5.0	---	1000 Gallons Burned	
3-10-004-04	Natural Gas	3.0	3.0	0.6	140.0	2.8	35.0	---	Million Cubic Feet Burned	
3-10-004-05	Process Gas	3.0	3.0	950.0 S,(c)	140.0	2.8	35.0	---	Million Cubic Feet Burned	
Steam Generators - 1300										
3-10-004-11	Distillate Oil (No. 2)	2.0	1.0	143.6 S	20.0	0.2	5.0	---	1000 Gallons Burned	
3-10-004-12	Residual Oil	12.0 S	10.3 S	158.6 S	55.0	0.28	5.0	---	1000 Gallons Burned	
3-10-004-13	Crude Oil	12.0 S	10.3 S	158.6 S	55.0	0.28	5.0	---	1000 Gallons Burned	
3-10-004-14	Natural Gas	3.0	3.0	0.6	140.0	2.8	35.0	---	Million Cubic Feet Burned	
3-10-004-15	Process Gas	3.0	3.0	950.0 S,(c)	140.0	2.8	35.0	---	Million Cubic Feet Burned	
Fugitive Emissions - 1300										
3-10-888-01	Specify in Comments Field	---	---	---	---	---	---	---	Process-Unit/Yr	
3-10-888-02	Specify in Comments	---	---	---	---	---	---	---	Process-Unit/Yr	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Fugitive Emissions - 1300										
	Field									
3-10-888-03 -	Specify in Comments Field	---	---	---	---	---	---	---	Process-Unit/Yr	
3-10-888-04 -	Specify in Comments Field	---	---	---	---	---	---	---	Process-Unit/Yr	
3-10-888-05 -	Specify in Comments Field	---	---	---	---	---	---	---	100 Barrel Feed Produced	
BUILDING CONSTRUCTION - MAJOR GROUP 15										
Construction: Building Contractors - 1521, 1522										
3-11-001-01 -	Site Preparation: Topsoil Removal	74.3	20.0	---	---	---	---	---	Vehicle-Miles Travelled	
3-11-001-02 -	Site Preparation: Earth Moving (Cut & Fill)	19.6	4.3	---	---	---	---	---	Vehicle-Miles Travelled	
3-11-001-03 -	Site Preparation: Aggregate Hauling (on dirt)	43.1	10.0	---	---	---	---	---	Vehicle-Miles Travelled	
3-11-001-99 -	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Acres of Construction Activity	
Construction: Demolition of Structures - 1521, 1522										
3-11-002-01 -	Mechanical or Explosive Dismemberment	---	0.000051	---	---	---	---	---	Sq. Ft. Demolished Floor Area	
3-11-002-02 -	Mechanical or Explosive Dismemberment	---	0.0011	---	---	---	---	---	Tons of Waste Material	
3-11-002-03 -	Debris Loading	---	0.000093	---	---	---	---	---	Sq. Ft. Demolished Floor Area	
3-11-002-04 -	Debris Loading	---	0.058	---	---	---	---	---	Tons of Waste Material	
3-11-002-05 -	On-Site Truck Traffic	---	0.01	---	---	---	---	---	Sq. Ft. Demolished Floor Area	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Consturction: Demolition of Structures - 1521, 1522										
3-11-002-06	On-Site Truck Traffic	---	4.5	---	---	---	---	---	Vehicle-Miles Travelled	
Construction: Special Trade Contract - 1521, 1522										
3-11-002-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Acres of Construction Activity	
MACHINERY, MISCELLANEOUS - MAJOR GROUP 35										
Miscellaneous Machinery - 3500										
3-12-999-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
ELECTRICAL EQUIPMENT - MAJOR GROUP 76										
Electrical Windings Reclamation - 7694										
3-13-070-01	Single Chamber Incinerator/Oven	---	---	2.5	---	950.0	---	---	Tons Charged	
3-13-070-02	Multiple Chamber Incinerator/Oven	---	---	2.5	0.1	190.0	---	---	Tons Charged	
Process Heaters - 7600										
3-13-900-01	Distillate Oil (No. 2)	---	---	143.6 S	20.0	0.2	---	---	1000 Gallons Burned	
3-13-900-02	Residual Oil	---	---	158.6 S	55.0	0.28	---	---	1000 Gallons Burned	
3-13-900-03	Natural Gas	---	---	0.6	140.0	2.8	---	---	Million Cubic Feet Burned	
Other Not Classified - 7600										
3-13-999-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
TRANSPORTATION EQUIPMENT - MAJOR GROUPS 37, 50, & 75										
Automobiles/Truck Assembly Operations - 3711, 3713										
3-14-009-01	Solder Joint Grinding	---	---	0.0	0.0	0.0	0.0	---	Number of Vehicles Processed	
Brake Shoe Debonding - 7539										
3-14-010-01	Single Chamber Incinerator	---	---	2.5	---	950.0	---	---	Tons Charged	
3-14-010-02	Multiple Chamber Incinerator	---	---	2.5	---	190.0	---	---	Tons Charged	
Auto Body Shredding - 5093										
3-14-011-01	Primary Metal Recovery Line	---	---	0.0	0.0	0.0	---	---	Tons of Scrap Processed	
3-14-011-02	Secondary Metal Recovery Line	---	---	0.0	0.0	0.0	---	---	Tons of Scrap Processed	
Other Not Classified - 3700, 5000, 7500										
3-14-999-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
PHOTOGRAPHIC EQUIPMENT - MAJOR GROUP 38										
Photocopying Equipment Mfg. - 3861										
3-15-010-01	Resin Transfer/Storage	---	---	---	---	0.0	---	---	1000 Pounds Resin	
3-15-010-02	Toner Classification	---	---	---	---	630.0	---	---	1000 Pounds Toner	
3-15-010-03	Toner (Carbon Black) Grinding	---	---	---	---	0.0	---	---	1000 Pounds Toner	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
HEALTH SERVICES - MAJOR GROUP 80										
Hospitals - 8062										
3-15-020-01	Sterilization w/ Ethylene Oxide	---	---	---	---	2000.0	---	---	Tons Ethylene Oxide Consumed	
3-15-020-02	Sterilization W/Freon	---	---	---	---	---	---	---	Tons Freon Consumed	
3-15-020-03	Sterilization w/ Formaldehyde	---	---	---	---	---	---	---	Tons Formaldehyde Consumed	
LEATHER AND LEATHER PRODUCTS - MAJOR GROUP 31										
Other Not Classified - 3100										
3-20-999-97	Other Not Classified	---	---	---	---	---	---	---	1000 Square Feet	
3-20-999-98	Other Not Classified	---	---	---	---	19.0	---	---	Gallons	
3-20-999-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
TEXTILE PRODUCTS - MAJOR GROUPS 22 & 30										
Miscellaneous General Fabric Operations - 2261, 2262, 2280, 2290										
3-30-001-01	Yarn Preparation / Bleaching	---	---	---	---	0.0	---	---	Tons Processed	
3-30-001-02	Printing	---	---	---	---	284.0	---	---	Tons Processed	
3-30-001-03	Polyester Thread Production	---	---	---	---	0.0	---	---	Tons Processed	
3-30-001-04	Tenter Frames: Heat Setting	---	---	---	---	0.47	---	---	Tons Processed	
3-30-001-05	Carding	---	---	---	---	0.0	---	---	Tons Processed	
3-30-001-98	Other Not Classified	---	---	---	---	---	---	---	1000 Feet	
3-30-001-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Rubberized Fabric - 3069, 2241										
3-30-002-01	Impregnation:	---	---	---	---	---	---	---	Tons Processed	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Rubberized Fabric - 3069, 2241										
	General									
3-30-002-11	Impregnation	---	---	---	---	120.0	---	---	Tons Coating Applied	
3-30-002-12	Wet Coating	---	---	---	---	1200.0	---	---	Tons Coating Applied	
3-30-002-13	Hot Melt Coating	---	---	---	---	120.0	---	---	Tons Coating Applied	
3-30-002-14	Wet Coating Mixing	---	---	---	---	133.0	---	---	Tons Coating Mixed	
Other Not Classified - 3069, 2241										
3-30-002-97	Other Not Classified	---	---	---	---	---	---	---	Tons Solvent Consumed	
3-30-002-98	Other Not Classified	---	---	---	---	---	---	---	Gallons	
3-30-002-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Carpet Operations - 2273										
3-30-003-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
Fabric Finishing - 2261, 2262, 2269										
3-30-004-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Processed	
3-30-005-99	Other Not Classified	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Items Produced	
Fugitive Emissions - 2200, 3000										
3-30-888-01	Specify in Comments Field	---	---	---	---	---	---	---	Process-Unit/Year	
3-30-888-02	Specify in Comments Field	---	---	---	---	---	---	---	Process-Unit/Year	
3-30-888-03	Specify in Comments Field	---	---	---	---	---	---	---	Process-Unit/Year	
3-30-888-04	Specify in Comments Field	---	---	---	---	---	---	---	Process-Unit/Year	
3-30-888-05	Specify in Comments Field	---	---	---	---	---	---	---	Process-Unit/Year	
PRINTING AND PUBLISHING - TYPESETTING - MAJOR GROUP 27										
Typesetting (Lead Remelting) - 2791										
3-60-001-01	Remelting (Lead Emissions Only)	0.7	0.18	---	---	---	---	0.25	Tons Melted	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
IN-PROCESS FUEL USE *(w)*										
Anthracite Coal -										
3-90-001-89	General	10.0 A	---	39.0 S	18.0	0.07	0.6	---	Tons Burned	
3-90-001-99	General	0.0	0.0	0.0	0.0	0.0	0.0	XXX	Tons Burned	
Bituminous Coal -										
3-90-002-01	Cement Kiln/Dryer	0.0	0.0	26.0 S	0.0	0.0	0.0	---	Tons Burned	
3-90-002-03	Lime Kiln	0.0	0.0	19.0 S	0.0	0.0	0.0	---	Tons Burned	
Subbituminous Coal -										
3-90-002-88	General	7.0 A	---	39.0 S	34.0	0.07	0.6	---	Tons Burned	
Bituminous Coal -										
3-90-002-89	General	7.0 A	---	39.0 S	34.0	0.07	0.6	---	Tons Burned	
3-90-002-99	General	0.0	0.0	0.0	0.0	0.0	0.0	XXX	Tons Burned	
Lignite -										
3-90-003-89	General	6.3 A	---	30.0 S	14.0	0.07	0.6	---	Tons Burned	
3-90-003-99	General	0.0	0.0	0.0	0.0	0.0	0.0	XXX	Tons Burned	
Residual Oil -										
3-90-004-02	Cement Kiln/Dryer	0.0	0.0	108.0 S	0.0	0.0	0.0	---	1000 Gallons Burned	
3-90-004-03	Lime Kiln	0.0	0.0	79.5 S	0.0	0.0	0.0	---	1000 Gallons Burned	
3-90-004-89	General	12.0 S	---	158.6 S	55.0	0.28	5.0	---	1000 Gallons Burned	
3-90-004-99	General	0.0	0.0	0.0	0.0	0.0	0.0	XXX	1000 Gallons Burned	
Distillate Oil -										
3-90-005-02	Cement Kiln/Dryer	0.0	0.0	98.0 S	0.0	0.0	0.0	---	1000 Gallons Burned	
3-90-005-03	Lime Kiln	0.0	0.0	72.0 S	0.0	0.0	0.0	---	1000 Gallons Burned	
3-90-005-89	General	2.0	---	143.6 S	20.0	0.2	5.0	---	1000 Gallons Burned	
3-90-005-98	General	0.0	---	0.0	0.0	0.0	0.0	---	1000 Gallons Burned	
3-90-005-99	General	0.0	0.0	0.0	0.0	0.0	0.0	XXX	1000 Gallons Burned	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Natural Gas -										
3-90-006-02	- Cement Kiln/Dryer	0.0	0.0	0.0	0.0	0.0	0.0	---	Million Cubic Feet Burned	
3-90-006-03	- Lime Kiln	0.0	0.0	0.0	0.0	0.0	0.0	---	Million Cubic Feet Burned	
3-90-006-89	- General	3.0	---	0.6	100.0	5.3	20.0	---	Million Cubic Feet Burned	
3-90-006-99	- General	0.0	0.0	0.0	0.0	0.0	0.0	XXX	Million Cubic Feet Burned	
Process Gas -										
3-90-007-01	- Coke Oven or Blast Furnace	0.0	0.0	0.0	0.0	0.0	0.0	---	Million Cubic Feet Burned	
3-90-007-02	- Coke Oven Gas	0.0	0.0	0.0	0.0	0.0	0.0	---	Million Cubic Feet Burned	
3-90-007-88	- General	3.0	---	950.0 S	140.0	2.8	35.0	---	Million Cubic Feet Burned	
3-90-007-89	- Coke Oven Gas	6.2	---	680.0 S	80.0	1.2	18.4	---	Million Cubic Feet Burned	
3-90-007-97	- General	0.0	0.0	0.0	0.0	0.0	0.0	---	Million Cubic Feet Burned	
3-90-007-98	- General	0.0	0.0	0.0	0.0	0.0	0.0	---	Million Cubic Feet Burned	
3-90-007-99	- General	0.0	0.0	0.0	0.0	0.0	0.0	XXX	Million Cubic Feet Burned	
Wood -										
3-90-008-89	- General	7.0 A	---	38.0 S	14.0	0.07	0.6	---	Tons Burned	
Coke -										
3-90-008-99	- General	0.0	0.0	0.0	0.0	0.0	0.0	XXX	Tons Burned	
LPG -										
3-90-009-89	- General	7.2	---	0.15	0.68	1.4	4.0	---	Tons Burned	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Wood -										
3-90-009-99	General	0.0	0.0	0.0	0.0	0.0	0.0	XXX	Tons Burned	
Liquified Petroleum Gas (LPG) -										
3-90-010-89	General	0.26	---	86.5 S	8.8	0.47	1.8	---	1000 Gallons Burned	
3-90-010-99	General	0.0	0.0	0.0	0.0	0.0	0.0	XXX	1000 Gallons Burned	
Solid Waste -										
3-90-012-99	General	0.0	0.0	0.0	0.0	0.0	0.0	XXX	Tons Burned	
Liquid Waste -										
3-90-013-89	General	19.0	---	---	---	---	---	---	1000 Gallons Burned	
3-90-013-99	General	0.0	0.0	0.0	0.0	0.0	0.0	XXX	1000 Gallons Burned	
MISCELLANEOUS MANUFACTURING INDUSTRIES - MAJOR GROUP 39										
Process Heaters - 3900										
3-99-900-01	Distillate Oil (No. 2)	---	---	143.6 S	20.0	0.2	---	---	1000 Gallons Burned	
3-99-900-02	Residual Oil	---	---	158.6 S	55.0	0.28	---	---	1000 Gallons Burned	
3-99-900-03	Natural Gas	---	---	0.6	140.0	2.8	---	---	Million Cubic Feet Burned	
3-99-900-04	Process Gas	---	---	950.0 S	140.0	2.8	---	---	Million Cubic Feet Burned	
Incinerators - 3900										
3-99-900-11	Distillate Oil (No. 2)	---	---	---	---	0.4	---	---	1000 Gallons Burned	
3-99-900-12	Residual Oil	---	---	---	---	0.56	---	---	1000 Gallons Burned	
3-99-900-13	Natural Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
3-99-900-14	Process Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Flares - 3900										
3-99-900-21	Distillate Oil (No. 2)	---	---	---	---	---	---	---	1000 Gal. Burned	
3-99-900-22	Residual Oil	---	---	---	---	---	---	---	1000 Gal. Burned	
3-99-900-23	Natural Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
3-99-900-24	Process Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
Miscellaneous Industrial Processes - 3900										
3-99-999-93	Other Not Classified	---	---	---	---	---	---	---	Parts Processed	
3-99-999-94	Other Not Classified	---	---	---	---	---	---	---	Pounds Processed	
3-99-999-95	Other Not Classified	---	---	---	---	---	---	---	Gallons	
3-99-999-96	Other Not Classified	---	---	---	---	---	---	---	1000 Gallons	
3-99-999-98	Other Not Classified	---	---	---	---	---	---	---	1000 Parts Produced	

ORGANIC SOLVENT / PETROLEUM PRODUCT EVAPORATION

(SICs: 25, 33-39, 75)

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
ORGANIC SOLVENT EVAPORATION - DRY CLEANING - MAJOR GROUP 72										
Dry Cleaning - 7215, 7216, 7218										
4-01-001-01	Perchloroethylene	0.0	0.0	0.0	0.0	550.0	0.0	---	Tons Clothes Cleaned	
4-01-001-02	Stoddard (Petroleum Solvent)	0.0	0.0	0.0	0.0	560.0	0.0	---	Tons Clothes Cleaned	
4-01-001-03	Perchloroethylene	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	---	Tons Solvent Consumed	
4-01-001-04	Stoddard (Petroleum Solvent)	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	---	Tons Solvent Consumed	
4-01-001-05	Trichloro trifluoroethane (Freon)	0.0	0.0	0.0	0.0	0.0	0.0	---	Tons Solvent Consumed	
4-01-001-06	Tri chloro trifluoroethane (Freon)	0.0	0.0	0.0	0.0	0.0	0.0	---	Tons Clothes Cleaned	
4-01-001-98	Other Not Classified	0.0	---	0.0	0.0	---	0.0	---	Tons Solvent Consumed	
ORGANIC SOLVENT EVAPORATION - DEGREASING - MAJOR GROUPS 25, 33-39, & 75										
Open-Top Vapor Degreasing - 2500, 3300, 3900, 7500										
4-01-002-01	Stoddard (Petroleum Solvent)	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Make-Up Solvent Used	
4-01-002-02	1,1,1-Tri chloroethane (Methyl Chloroform)	0.0	0.0	0.0	0.0	0.0	0.0	---	Tons Make-Up Solvent Used	
4-01-002-03	Perchloroethylene	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Make-Up Solvent Used	
4-01-002-04	Methylene Chloride	0.0	0.0	0.0	0.0	0.0	0.0	---	Tons Make-Up Solvent Used	
4-01-002-05	Trichloroethylene	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Make-Up Solvent Used	
4-01-002-06	Toluene	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Make-Up Solvent Used	
4-01-002-07	Tri chloro	0.0	0.0	0.0	0.0	0.0	0.0	---	Tons Make-Up Solvent	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Open-Top Vapor Degreasing - 2500, 3300, 3900, 7500										
	trifluoroethane (Freon)								Used	
4-01-002-08	Chlorosolve	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Make-Up Solvent Used	
4-01-002-09	Butyl Acetate	---	---	---	---	2000.0	---	---	Tons Make-Up Solvent Used	
4-01-002-15	Entire Unit	0.0	0.0	0.0	0.0	21000.0	0.0	---	Degreasing Units in Operation	
4-01-002-16	Entire Unit	0.0	0.0	0.0	0.0	180.0	0.0	---	1000 Sq. Ft. Prod. Surface Area Degrease	
4-01-002-17	Entire Unit	0.0	0.0	0.0	0.0	0.15	0.0	---	Sq. Ft. Surface Area X Hours Operated	
4-01-002-97	Other Not Classified	0.0	0.0	0.0	0.0	---	0.0	---	Gallons Solvent Consumed	
4-01-002-99	Other Not Classified	0.0	0.0	0.0	0.0	2000.0	0.0	XXX	Tons Make-Up Solvent Used	
Conveyorized Vapor Degreasing - 2500, 3300, 3900, 7500										
4-01-002-21	Stoddard (Petroleum Solvent)	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Make-Up Solvent Used	
4-01-002-22	1,1,1-Tri chloroethane (Methyl Chloroform)	0.0	0.0	0.0	0.0	0.0	0.0	---	Tons Make-Up Solvent Used	
4-01-002-23	Perchloroethylene	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Make-Up Solvent Used	
4-01-002-24	Methylene Chloride	0.0	0.0	0.0	0.0	0.0	0.0	---	Tons Make-Up Solvent Used	
4-01-002-25	Trichloroethylene	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Make-Up Solvent Used	
4-01-002-35	Entire Unit: w/ Vaporized Solvent	0.0	0.0	0.0	0.0	52000.0	0.0	---	Degreasing Units in Operation	
4-01-002-36	Entire Unit: w/ Non-boiling Solvent	0.0	0.0	0.0	0.0	104000.0	0.0	---	Degreasing Units in Operation	
4-01-002-98	Other Not Classified	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Make-Up Solvent Used	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Degreasing Units - General - 2500, 3300, 3900, 7500										
4-01-002-51	Stoddard (Petroleum Solvent)	0.0	0.0	0.0	0.0	7.2	0.0	---	Gallons Solvent Consumed	
4-01-002-52	1,1,1-Tri chloroethane (Methyl Chloroform)	0.0	0.0	0.0	0.0	0.0	0.0	---	Gallons Solvent Consumed	
4-01-002-53	Perchloroethylene	0.0	0.0	0.0	0.0	13.4	0.0	---	Gallons Solvent Consumed	
4-01-002-54	Methylene Chloride	0.0	0.0	0.0	0.0	0.0	0.0	---	Gallons Solvent Consumed	
4-01-002-55	Trichloroethylene	0.0	0.0	0.0	0.0	12.1	0.0	---	Gallons Solvent Consumed	
4-01-002-56	Toluene	0.0	0.0	0.0	0.0	7.2	0.0	---	Gallons Solvent Consumed	
4-01-002-57	Tri chloro trifluoroethane (Freon)	0.0	0.0	0.0	0.0	0.0	0.0	---	Gallons Solvent Consumed	
4-01-002-58	Tri chloro fluoromethane	0.0	0.0	0.0	0.0	---	0.0	---	Gallons Solvent Consumed	
4-01-002-59	1,1,1-Tri chloroethane (Methyl Chloroform)	0.0	0.0	0.0	0.0	---	0.0	---	Gallons Solvent Consumed	
4-01-002-95	Other Not Classified	---	---	---	---	---	---	---	Gallons Solvent Consumed	
4-01-002-96	Other Not Classified	0.0	0.0	0.0	0.0	---	0.0	---	Gallons Solvent Consumed	
Cold Solvent Cleaning/Stripping - 2500, 3300, 3900, 7500										
4-01-003-01	Methanol	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent Consumed	
4-01-003-02	Methylene Chloride	0.0	0.0	0.0	0.0	0.0	0.0	---	Tons Solvent Consumed	
4-01-003-03	Stoddard (Petroleum Solvent)	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent Consumed	
4-01-003-04	Perchloroethylene	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent Consumed	
4-01-003-05	1,1,1-Tri chloroethane (Methyl Chloroform)	0.0	0.0	0.0	0.0	0.0	0.0	---	Tons Solvent Consumed	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Cold Solvent Cleaning/Stripping - 2500, 3300, 3900, 7500										
4-01-003-06	Trichloroethylene	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent Consumed	
4-01-003-07	Isopropyl Alcohol	---	---	---	---	---	---	---	Tons Solvent Consumed	
4-01-003-08	MEK	---	---	---	---	---	---	---	Tons Solvent Consumed	
4-01-003-09	Freon	---	---	---	---	---	---	---	Tons Solvent Consumed	
4-01-003-10	Acetone	---	---	---	---	2000.0	---	---	Tons Solvent Consumed	
4-01-003-35	Entire Unit	0.0	0.0	0.0	0.0	660.0	0.0	---	Cold Cleaners in Operation	
4-01-003-36	Entire Unit	0.0	0.0	0.0	0.0	96.0	0.0	---	1000 Sq. Ft. Prod. Surface Area Degrease	
4-01-003-98	Other Not Classified	---	---	---	---	---	---	---	Gallons Solvent Consumed	
4-01-003-99	Other Not Classified	0.0	XXX	0.0	0.0	2000.0	0.0	XXX	Tons Solvent Consumed	
Knit Fabric Scouring w/ Chlorinated Solv - 2200										
4-01-004-01	Perchloroethylene	0.0	---	0.0	0.0	2000.0	0.0	---	Tons Solvent Consumed	
4-01-004-99	Other Not Classified	0.0	XXX	0.0	0.0	2000.0	0.0	XXX	Tons Solvent Consumed	
Fugitive Emissions - 2500, 3300, 3900, 7500 (d)										
4-01-888-01	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
4-01-888-02	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
4-01-888-03	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
4-01-888-04	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
4-01-888-05	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
4-01-888-98	Specify in Comments Field	---	---	---	---	---	---	---	Gallons	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
SURFACE COATING OPERATIONS - MAJOR GROUPS 22-37 (x)										
Surface Coating Application - General -										
4-02-001-01	Paint: Solvent-Base	---	---	0.0	0.0	1120.0	0.0	---	Tons Coating Mix Applied	
4-02-001-10	Paint: Solvent-Base	---	---	0.0	0.0	5.6 (c)	0.0	---	Gallons of Coating	
4-02-002-01	Paint: Water-Base	---	---	0.0	0.0	180.0 (c)	0.0	---	Tons Coating Mix Applied	
4-02-002-10	Paint: Water-Base	---	---	0.0	0.0	1.0 (c)	0.0	---	Gallons of Coating	
4-02-003-01	Varnish/Shellac: General	---	---	0.0	0.0	1000.0	0.0	---	Tons Coating Mix Applied	
4-02-003-10	Varnish/Shellac: General	---	---	0.0	0.0	3.5 (c)	0.0	---	Gallons of Coating	
4-02-004-01	Lacquer: General	---	---	0.0	0.0	1540.0	0.0	---	Tons Coating Mix Applied	
4-02-004-10	Lacquer: General	---	---	0.0	0.0	6.5 (c)	0.0	---	Gallons of Coating	
4-02-005-01	Enamel: General	0.0	---	0.0	0.0	840.0	0.0	---	Tons Coating Mix Applied	
4-02-005-10	Enamel: General	---	---	0.0	0.0	3.8	0.0	---	Gallons of Coating	
4-02-006-01	Primer: General	---	---	0.0	0.0	1320.0	0.0	---	Tons Coating Mix Applied	
4-02-006-10	Primer: General	---	---	0.0	0.0	6.6 (c)	0.0	---	Gallons of Coating	
4-02-007-01	Adhesive Application: General	---	---	0.0	0.0	900.0	0.0	---	Tons Coating Mix Applied	
4-02-007-06	Adhesive: Solvent Mixing	0.0	---	0.0	0.0	200.0	0.0	---	Tons Solvent Mixed	
4-02-007-07	Adhesive: Solvent Storage	0.0	---	0.0	0.0	0.0	0.0	---	Tons Solvent Stored	
4-02-007-10	Adhesive: General	---	---	0.0	0.0	4.4	0.0	---	Gallons of Coating	
Coating Oven -										
4-02-008-01	General	---	---	5.0	54.0	800.0	---	---	Tons of Coating	
4-02-008-10	General	---	---	1.0	13.0	42.0	---	---	Gallons of Coating	
4-02-008-98	General	---	---	---	---	---	---	---	1000 Feet	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Thinning Solvents -										
4-02-009-01	General: Specify in Comments	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-02	Acetone	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-03	Butyl Acetate	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-04	Butyl Alcohol	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-05	Carbitol	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-06	Cellosolve	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-07	Cellosolve Acetate	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-08	Dimethyl Formamide	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-09	Ethyl Acetate	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-10	Ethyl Alcohol	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-11	Gasoline	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-12	Isopropyl Alcohol	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-13	Isopropyl Acetate	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-14	Kerosene	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-15	Lactol Spirits	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-16	Methyl Acetate	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-17	Methyl Alcohol	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-18	Methyl Ethyl Ketone	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-19	Methyl Isobutyl Ketone	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-20	Mineral Spirits	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-21	Naphtha	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-22	Toluene	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-23	Varsol	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-24	Xylene	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-25	Benzene	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-26	Turpentine	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-27	Hexylene Glycol	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-28	Ethylene Oxide	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent	
4-02-009-29	1,1,1-Tri chloroethane (Methyl Chloroform)	---	---	---	---	2000.0	---	---	Tons Solvent	
4-02-009-30	Methylene Chloride	---	---	---	---	---	---	---	Tons Solvent	
4-02-009-31	Perchloroethylene	---	---	---	---	---	---	---	Tons Solvent	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Thinning Solvents - (y)										
4-02-009-98	General: Specify in Comments	0.0	0.0	0.0	0.0	---	0.0	---	Gallons Solvent	
Coating Oven Heater - (x)										
4-02-010-01	Natural Gas	---	---	0.6	140.0	2.8	---	---	Million Cubic Feet Burned	
4-02-010-02	Distillate Oil	---	---	144.0 S	20.0	0.02	---	---	1000 Gallons Burned	
4-02-010-03	Residual Oil	---	---	159.0 S	55.0	0.28	---	---	1000 Gallons Burned	
4-02-010-04	Liquified Petroleum Gas (LPG)	---	---	86.5 S	9.0	0.5	---	---	1000 Gallons Burned	
Fabric Coating - 2295 (y)										
4-02-011-01	Coating Operation	---	---	0.0	0.0	1600.0	0.0	---	Tons Solvent in Coating	
4-02-011-03	Coating Mixing	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in Coating	
4-02-011-04	Coating Storage	---	---	0.0	0.0	0.0	0.0	---	Tons Solvent in Coating	
4-02-011-05	Equipment Cleanup	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in Coating	
Fabric Printing - 2261, 2262, 2269 (y)										
4-02-011-11	Fabric Printing: Roller	---	---	---	---	284.0	---	---	Tons of Fabric	
4-02-011-12	Fabric Printing: Roller (z)	---	---	---	---	278000.0	---	---	Printing Lines	
4-02-011-13	Fabric Printing: Rotary Screen	---	---	---	---	46.0	---	---	Tons of Fabric	
4-02-011-14	Fabric Printing: Rotary Screen (z)	---	---	---	---	62000.0	---	---	Printing Lines	
4-02-011-15	Fabric Printing: Flat Screen	---	---	---	---	158.0	---	---	Tons of Fabric	
4-02-011-16	Fabric Printing: Flat Screen (z)	---	---	---	---	62000.0	---	---	Printing Lines	
4-02-011-99	Other Not Classified	XXX	XXX	0.0	0.0	2000.0	0.0	XXX	Tons Solvent in	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Fabric Printing - 2261, 2262, 2269 (y)										
Fabric Dyeing - 2200 (y)									Coating	
4-02-012-01	Dye Application: General	---	---	0.0	0.0	196.0	0.0	---	Tons Dye Consumed	
4-02-012-10	Dye Application: General	---	---	0.0	0.0	---	0.0	---	Gallons Dye Consumed	
Paper Coating - 2671, 2672										
4-02-013-01	Coating Operation	---	---	0.0	0.0	1400.0	0.0	---	Tons Solvent in Coating	
4-02-013-03	Coating Mixing	---	---	0.0	0.0	300.0	0.0	---	Tons Solvent in Coating	
4-02-013-04	Coating Storage	---	---	0.0	0.0	0.0	0.0	---	Tons Solvent in Coating	
4-02-013-05	Equipment Cleanup	---	---	0.0	0.0	300.0	0.0	---	Tons Solvent in Coating	
4-02-013-99	Other Not Classified	XXX	XXX	0.0	0.0	2000.0	0.0	XXX	Tons Solvent in Coating	
Surface Coating of Large Appliances - 3630, 3650, 3430, 3580										
4-02-014-01	Prime Coating Operation	---	---	0.0	0.0	900.0	0.0	---	Tons Solvent in Coating	
4-02-014-02	Cleaning / Pretreatment	---	---	0.0	0.0	0.0	0.0	---	Tons Solvent in Coating	
4-02-014-03	Coating Mixing	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in Coating	
4-02-014-04	Coating Storage	---	---	0.0	0.0	0.0	0.0	---	Tons Solvent in Coating	
4-02-014-05	Equipment Cleanup	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in Coating	
4-02-014-06	Topcoat Spray	---	---	0.0	0.0	700.0	0.0	---	Tons Solvent in Coating	
4-02-014-31	Coating Line: General	---	---	0.0	0.0	0.9	0.0	---	Appliances Produced	
4-02-014-32	Prime Air Spray	---	---	0.0	0.0	3.1	0.0	---	1000 Sq. Ft. Product	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Surface Coating of Large Appliances - 3630, 3650, 3430, 3580										
4-02-014-33	Prime Electrostatic Spray	---	---	0.0	0.0	1.75	0.0	---	Surface Area Coated 1000 Sq. Ft. Product	
4-02-014-34	Prime Flow Coat	---	---	0.0	0.0	1.65	0.0	---	Surface Area Coated 1000 Sq. Ft. Product	
4-02-014-35	Prime Dip Coat	---	---	0.0	0.0	1.65	0.0	---	Surface Area Coated 1000 Sq. Ft. Product	
4-02-014-36	Prime Electro-Deposition	---	---	0.0	0.0	1.5	0.0	---	Surface Area Coated 1000 Sq. Ft. Product	
4-02-014-37	Top Air Spray	---	---	0.0	0.0	5.0	0.0	---	Surface Area Coated 1000 Sq. Ft. Product	
4-02-014-38	Top Electrostatic Spray	---	---	0.0	0.0	2.8	0.0	---	Surface Area Coated 1000 Sq. Ft. Product	
4-02-014-99	Other Not Classified	XXX	XXX	0.0	0.0	2000.0	0.0	XXX	Surface Area Coated Tons Solvent in Coating	
Magnet Wire Surface Coating - 3357, 3351										
4-02-015-01	Coating/Application /Curing	---	---	0.0	0.0	1600.0	0.0	---	Tons Solvent in Coating	
4-02-015-02	Cleaning/ Pretreatment	---	---	0.0	0.0	0.0	0.0	---	Tons Solvent in Coating	
4-02-015-03	Coating Mixing	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in Coating	
4-02-015-04	Coating Storage	---	---	0.0	0.0	0.0	0.0	---	Tons Solvent in Coating	
4-02-015-05	Equipment Cleanup	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in Coating	
4-02-015-31	Coating Line: General	---	---	0.0	0.0	186000.0	0.0	---	Tons Solvent in Coating Coating Lines	
4-02-015-99	Other Not Classified	XXX	XXX	0.0	0.0	2000.0	0.0	XXX	Tons Solvent in Coating	
Surface Coating of Autos & Light Trucks - 3771, 3713										
4-02-016-01	Prime Application/Electo-Deposition/Dip	9.68	6.4	0.0	0.0	500.0	0.0	---	Tons Solvent in Coating	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Surface Coating of Autos & Light Trucks - 3771, 3713										
4-02-016-02	/Spray Cleaning / Pretreatment	---	---	0.0	0.0	0.0	0.0	---	Tons Solvent in Coating	
4-02-016-03	Coating Mixing	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in Coating	
4-02-016-04	Coating Storage	---	---	0.0	0.0	0.0	0.0	---	Tons Solvent in Coating	
4-02-016-05	Equipment Cleanup	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in Coating	
4-02-016-06	Topcoat Operation	---	---	0.0	0.0	800.0	0.0	---	Tons Solvent in Coating	
4-02-016-19	Prime Surfacing Operation	---	---	0.0	0.0	100.0	0.0	---	Tons Solvent in Coating	
4-02-016-20	Repair Topcoat Application Area	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in Coating	
Surface Coating of Automobiles - 3711										
4-02-016-21	Prime Coating: Solvent-Borne	---	---	0.0	0.0	14.54	0.0	---	Vehicles Produced	
4-02-016-22	Prime Coating: Electro-Deposition	---	---	0.0	0.0	0.45	0.0	---	Vehicles Produced	
4-02-016-23	Guide Coating: Solvent-Borne	---	---	0.0	0.0	4.16	0.0	---	Vehicles Produced	
4-02-016-24	Guide Coating: Water-Borne	---	---	0.0	0.0	1.5	0.0	---	Vehicles Produced	
4-02-016-25	Topcoat: Solvent-Borne	---	---	0.0	0.0	30.8	0.0	---	Vehicles Produced	
4-02-016-26	Topcoat: Water-Borne	---	---	0.0	0.0	4.95	0.0	---	Vehicles Produced	
Surface Coating of Light Trucks - 3713										
4-02-016-27	Prime Coating: Solvent-Borne	---	---	0.0	0.0	42.39	0.0	---	Vehicles Produced	
4-02-016-28	Prime Coating: Electro-Deposition	---	---	0.0	0.0	0.58	0.0	---	Vehicles Produced	
4-02-016-29	Guide Coating: Solvent-Borne	---	---	0.0	0.0	14.04	0.0	---	Vehicles Produced	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Surface Coating of Light Trucks - 3713										
4-02-016-30	Guide Coating: Water-Borne	---	---	0.0	0.0	5.06	0.0	---	Vehicles Produced	
4-02-016-31	Topcoat: Solvent-Borne	---	---	0.0	0.0	34.0	0.0	---	Vehicles Produced	
4-02-016-32	Topcoat: Water-Borne	---	---	0.0	0.0	15.47	0.0	---	Vehicles Produced	
4-02-016-99	Other Not Classified	XXX	XXX	0.0	0.0	2000.0	0.0	XXX	Tons Solvent in Coating	
Metal Can Coating - 3411										
4-02-017-02	Cleaning / Pretreatment	---	---	0.0	0.0	0.0	0.0	---	Tons Solvent in Coating	
4-02-017-03	Coating Mixing	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in Coating	
4-02-017-04	Coating Storage	---	---	0.0	0.0	0.0	0.0	---	Tons Solvent in Coating	
4-02-017-05	Equipment Cleanup	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in Coating	
4-02-017-21	Two Piece and Exterior Base Coating	---	---	0.0	0.0	900.0	0.0	---	Tons Solvent in Coating	
4-02-017-22	Interior Spray Coating	---	---	0.0	0.0	400.0	0.0	---	Tons Solvent in Coating	
4-02-017-23	Sheet Base Coating (Interior)	---	---	0.0	0.0	400.0	0.0	---	Tons Solvent in Coating	
4-02-017-24	Sheet Base Coating (Exterior)	---	---	0.0	0.0	400.0	0.0	---	Tons Solvent in Coating	
4-02-017-25	Side Seam Spray Coating	---	---	0.0	0.0	100.0	0.0	---	Tons Solvent in Coating	
4-02-017-26	End Sealing Compound	---	---	0.0	0.0	100.0	0.0	---	Tons Solvent in Coating	
4-02-017-27	Lithography	---	---	0.0	0.0	2000.0	0.0	---	Tons Solvent in Coating	
4-02-017-28	Over Varnish	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in Coating	
4-02-017-31	Three-piece Can	---	---	0.0	0.0	352000.0	0.0	---	Coating Lines	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Metal Can Coating - 3411										
4-02-017-32	Sheet Basecoating - Three-piece Can Sheet Lithographic Coating Line	---	---	0.0	0.0	11000.0	0.0	---	Coating Lines	
4-02-017-33	Three-piece Beverage Can-Side Seam Spray Coating	---	---	0.0	0.0	40000.0	0.0	---	Coating Lines	
4-02-017-34	Three-piece Beverage Can Interior Body Spray Coat	---	---	0.0	0.0	176000.0	0.0	---	Coating Lines	
4-02-017-35	Two-piece Can Coating Line	---	---	0.0	0.0	574000.0	0.0	---	Coating Lines	
4-02-017-36	Two-piece Can End Sealing Compound	---	---	0.0	0.0	30000.0	0.0	---	Coating Lines	
4-02-017-99	Other Not Classified	XXX	XXX	0.0	0.0	2000.0 (c)	0.0	XXX	Tons Solvent in Coating	
Metal Coil Coating - 3353, 3354										
4-02-018-01	Prime Coating Application	---	---	0.0	0.0	800.0	0.0	---	Tons Solvent in Coating	
4-02-018-03	Solvent Mixing	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in Coating	
4-02-018-04	Solvent Storage	---	---	0.0	0.0	0.0	0.0	---	Tons Solvent in Coating	
4-02-018-05	Equipment Cleanup	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in Coating	
4-02-018-06	Finish Coating	---	---	0.0	0.0	800.0	0.0	---	Tons Solvent in Coating	
4-02-018-99	Other Not Classified	XXX	XXX	0.0	0.0	2000.0	0.0	XXX	Tons Solvent in Coating	
Wood Furniture Surface Coating - 2511, 2512, 2517, 2521										
4-02-019-01	Coating Operation	---	---	0.0	0.0	2000.0 (c)	0.0	---	Tons Solvent in Coating	
4-02-019-03	Coating Mixing	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in Coating	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Wood Furniture Surface Coating - 2511, 2512, 2517, 2521										
4-02-019-04	Coating Storage	---	---	0.0	0.0	0.0	0.0	---	Tons Solvent in Coating	
4-02-019-99	Other Not Classified	XXX	XXX	0.0	0.0	2000.0	0.0	XXX	Tons Solvent in Coating	
Metal Furniture Surface Coating - 2514, 2522										
4-02-020-01	Coating Operation	---	---	0.0	0.0	1600.0	0.0	---	Tons Solvent in Coating	
4-02-020-02	Cleaning / Pretreatment	---	---	0.0	0.0	0.0	0.0	---	Tons Solvent in Coating	
4-02-020-03	Coating Mixing	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in Coating	
4-02-020-04	Coating Storage	---	---	0.0	0.0	0.0	0.0	---	Tons Solvent in Coating	
4-02-020-05	Equipment Cleanup	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in Coating	
4-02-020-31	Single Spray Line: General	---	---	0.0	0.0	13.1	0.0	---	1000 Sq. Ft. Product Surface Area Coated	
4-02-020-32	Spray Dip Line: General	---	---	0.0	0.0	15.3	0.0	---	1000 Sq. Ft. Product Surface Area Coated	
4-02-020-33	Spray High Solids Coating	---	---	0.0	0.0	3.9	0.0	---	1000 Sq. Ft. Product Surface Area Coated	
4-02-020-34	Spray Water-Borne Coating	---	---	0.0	0.0	2.45	0.0	---	1000 Sq. Ft. Product Surface Area Coated	
4-02-020-99	Other Not Classified	XXX	XXX	0.0	0.0	2000.0	0.0	XXX	Tons Solvent in Coating	
Surface Coating of Flatwood Products - 2435, 2492, 2499										
4-02-021-01	Base Coat	---	---	0.0	0.0	1500.0	0.0	---	Tons Solvent in Coating	
4-02-021-03	Coating Mixing	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in Coating	
4-02-021-04	Coating Storage	---	---	0.0	0.0	0.0	0.0	---	Tons Solvent in Coating	
4-02-021-05	Equipment Cleanup	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Surface Coating of Flatwood Products - 2435, 2492, 2499										
4-02-021-06	Topcoat	---	---	0.0	0.0	1500.0	0.0	---	Tons Solvent in Coating	
4-02-021-07	Filler	---	---	0.0	0.0	60.0	0.0	---	Tons Solvent in Coating	
4-02-021-08	Sealer	---	---	0.0	0.0	60.0	0.0	---	Tons Solvent in Coating	
4-02-021-09	Inks	---	---	0.0	0.0	2000.0	0.0	---	Tons Solvent in Coating	
4-02-021-31	Water-Borne Coating	---	---	0.0	0.0	2.5	0.0	---	1000 Sq. Ft. Product Surface Area Coated	
4-02-021-32	Solvent-Borne Coating	---	---	0.0	0.0	16.5	0.0	---	1000 Sq. Ft. Product Surface Area Coated	
4-02-021-33	Ultraviolet Coating	---	---	0.0	0.0	0.8	0.0	---	1000 Sq. Ft. Product Surface Area Coated	
4-02-021-99	Other Not Classified	XXX	XXX	0.0	0.0	2000.0	0.0	XXX	Tons Solvent in Coating	
Surface Coating of Plastic Parts - 3079										
4-02-022-01	Coating Operation	---	---	0.0	0.0	1600.0	0.0	---	Tons Solvent in Coating	
4-02-022-02	Cleaning / Pretreatment	---	---	0.0	0.0	0.0	0.0	---	Tons Solvent in Coating	
4-02-022-03	Coating Mixing	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in Coating	
4-02-022-04	Coating Storage	---	---	0.0	0.0	0.0	0.0	---	Tons Solvent in Coating	
4-02-022-05	Equipment Cleanup	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in Coating	
4-02-022-99	Other Not Classified	XXX	XXX	0.0	0.0	2000.0	0.0	XXX	Tons Solvent in Coating	
Surface Coating of Large Ships - 3731										
4-02-023-01	Prime Coating Operation	---	---	0.0	0.0	800.0	0.0	---	Tons Solvent in Coating	
4-02-023-02	Cleaning /	---	---	0.0	0.0	0.0	0.0	---	Tons Solvent in	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Surface Coating of Large Ships - 3731										
4-02-023-03	Pretreatment - Coating Mixing	---	---	0.0	0.0	200.0	0.0	---	Coating Tons Solvent in Coating	
4-02-023-04	Coating Storage	---	---	0.0	0.0	0.0	0.0	---	Tons Solvent in Coating	
4-02-023-05	Equipment Cleanup	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in Coating	
4-02-023-06	Topcoat Operation	---	---	0.0	0.0	800.0	0.0	---	Tons Solvent in Coating	
4-02-023-99	Other Not Classified	XXX	XXX	0.0	0.0	2000.0	0.0	XXX	Tons Solvent in Coating	
Surface Coating of Large Aircraft - 3721										
4-02-024-01	Prime Coating Operation	---	---	0.0	0.0	800.0	0.0	---	Tons Solvent in Coating	
4-02-024-02	Cleaning / Pretreatment	---	---	0.0	0.0	0.0	0.0	---	Tons Solvent in Coating	
4-02-024-03	Coating Mixing	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in Coating	
4-02-024-04	Coating Storage	---	---	0.0	0.0	0.0	0.0	---	Tons Solvent in Coating	
4-02-024-05	Equipment Cleanup	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in Coating	
4-02-024-06	Topcoat Operation	---	---	0.0	0.0	800.0	0.0	---	Tons Solvent in Coating	
4-02-024-99	Other Not Classified	XXX	XXX	0.0	0.0	2000.0	0.0	XXX	Tons Solvent in Coating	
Surface Coating of Misc. Metal Parts - (aa)										
4-02-025-01	Coating Operation	---	---	0.0	0.0	1600.0	0.0	---	Tons Solvent in Coating	
4-02-025-02	Cleaning / Pretreatment	---	---	0.0	0.0	0.0	0.0	---	Tons Solvent in Coating	
4-02-025-03	Coating Mixing	---	---	0.0	0.0	200.0	0.0	---	Tons Solvent in Coating	
4-02-025-04	Coating Storage	---	---	0.0	0.0	0.0	0.0	---	Tons Solvent in	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Surface Coating of Misc. Metal Parts - (aa)										
4-02-025-05	Equipment Cleanup	---	---	0.0	0.0	200.0	0.0	---	Coating Tons Solvent in Coating	
4-02-025-31	Conveyor Single Flow	---	---	0.0	0.0	15.3	0.0	---	1000 Sq. Ft. Product Surface Area Coated	
4-02-025-32	Conveyor Single Dip	---	---	0.0	0.0	15.3	0.0	---	1000 Sq. Ft. Product Surface Area Coated	
4-02-025-33	Conveyor Single Spray	---	---	0.0	0.0	27.5	0.0	---	1000 Sq. Ft. Product Surface Area Coated	
4-02-025-34	Conveyor Two Coat, Flow and Spray	---	---	0.0	0.0	42.8	0.0	---	1000 Sq. Ft. Product Surface Area Coated	
4-02-025-35	Conveyor Two Coat, Dip and Spray	---	---	0.0	0.0	42.8	0.0	---	1000 Sq. Ft. Product Surface Area Coated	
4-02-025-36	Conveyor Two Coat, Spray	---	---	0.0	0.0	55.0	0.0	---	1000 Sq. Ft. Product Surface Area Coated	
4-02-025-37	Manual Two Coat, Spray and Air Dry	---	---	0.0	0.0	54.8	0.0	---	1000 Sq. Ft. Product Surface Area Coated	
4-02-025-99	Other Not Classified	XXX	XXX	0.0	0.0	2000.0	0.0	XXX	Tons Solvent in Coating	
Surface Coating of Steel Drums - 3412										
4-02-026-01	Coating Operation	---	---	---	---	5.4	---	---	Gallons Paint Consumed	
4-02-026-02	Cleaning / Pretreatment	---	---	---	---	0.0	---	---	Gallons Paint Consumed	
4-02-026-03	Coating Mixing	---	---	---	---	0.5	---	---	Gallons Paint Consumed	
4-02-026-04	Coating Storage	---	---	---	---	0.0	---	---	Gallons Paint Consumed	
4-02-026-05	Equipment Cleanup	---	---	---	---	0.5	---	---	Gallons Paint Consumed	
4-02-026-06	Interior Coating	---	---	---	---	2.0	---	---	Gallons Paint Consumed	
4-02-026-07	Exterior Coating	---	---	---	---	2.0	---	---	Gallons Paint Consumed	
4-02-026-99	Specify in Comments	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Gallons Paint	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Surface Coating of Steel Drums - 3412										
	Field								Consumed	
Surface Coating - Fugitive Emissions -										
4-02-888-01 -	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
4-02-888-02 -	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
4-02-888-03 -	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
4-02-888-04 -	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
4-02-888-05 -	Specify in Comments Field	---	---	---	---	---	---	---	Tons Product	
Incinerator/Afterburner -										
4-02-900-11 -	Distillate Oil	---	---	---	---	---	---	---	1000 Gallons Burned	
4-02-900-12 -	Residual Oil	---	---	---	---	---	---	---	1000 Gallons Burned	
4-02-900-13 -	Natural Gas	---	---	---	---	---	---	---	Million Cubic Feet Burned	
Flares -										
4-02-900-23 -	Natural Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
Surface Coating - Miscellaneous -										
4-02-999-95 -	Specify in Comments Field	---	---	---	---	---	---	---	Tons Solvent in Coating	
4-02-999-96 -	Specify in Comments Field	---	---	---	---	---	---	---	Tons Solvent	
4-02-999-97 -	Specify in Comments Field	---	---	0.0	0.0	---	0.0	---	1000 Units Produced	
4-02-999-98 -	Specify in Comments Field	---	---	0.0	0.0	---	0.0	---	Gallons	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
PETROLEUM PRODUCT STORAGE (REFINERIES OIL AND GAS FIELDS ONLY) - MAJOR GROUPS 13, & 29										
Fixed Roof Tanks (67,000 BBL. Tank Size) - 2911, 2992, 1311, 1321										
4-03-010-01	Gasoline RVP 13: Breathing Loss	0.0	0.0	0.0	0.0	30.5	0.0	---	1000 Gallons Storage Capacity	
4-03-010-02	Gasoline RVP 10: Breathing Loss	0.0	0.0	0.0	0.0	23.5	0.0	---	1000 Gallons Storage Capacity	
4-03-010-03	Gasoline RVP 7: Breathing Loss	0.0	0.0	0.0	0.0	16.4	0.0	---	1000 Gallons Storage Capacity	
4-03-010-10	Crude Oil RVP 5: Breathing Loss	0.0	0.0	0.0	0.0	5.78	0.0	---	1000 Gallons Storage Capacity	
4-03-010-13	Jet Naphtha (JP-4): Breathing Loss	0.0	0.0	0.0	0.0	8.8	0.0	---	1000 Gallons Storage Capacity	
4-03-010-16	Jet Kerosene: Breathing Loss	0.0	0.0	0.0	0.0	0.45	0.0	---	1000 Gallons Storage Capacity	
4-03-010-19	Distillate Fuel #2: Breathing Loss	0.0	0.0	0.0	0.0	0.39	0.0	---	1000 Gallons Storage Capacity	
4-03-010-97	Specify Liquid: Breathing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
Fixed Roof Tanks(250,000 BBL. Tank Size) - 2911, 2992, 1311, 1321										
4-03-010-04	Gasoline RVP 13: Breathing Loss	0.0	0.0	0.0	0.0	22.5	0.0	---	1000 Gallons Storage Capacity	
4-03-010-05	Gasoline RVP 10: Breathing Loss	0.0	0.0	0.0	0.0	17.4	0.0	---	1000 Gallons Storage Capacity	
4-03-010-06	Gasoline RVP 7: Breathing Loss	0.0	0.0	0.0	0.0	12.3	0.0	---	1000 Gallons Storage Capacity	
4-03-010-11	Crude Oil RVP 5: Breathing Loss	0.0	0.0	0.0	0.0	4.15	0.0	---	1000 Gallons Storage Capacity	
4-03-010-14	Jet Naphtha (JP-4): Breathing Loss	0.0	0.0	0.0	0.0	6.3	0.0	---	1000 Gallons Storage Capacity	
4-03-010-17	Jet Kerosene: Breathing Loss	0.0	0.0	0.0	0.0	0.3	0.0	---	1000 Gallons Storage Capacity	
4-03-010-20	Distillate Fuel #2:	0.0	0.0	0.0	0.0	0.29	0.0	---	1000 Gallons Storage Capacity	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Fixed Roof Tanks(250,000 BBL. Tank Size) - 2911, 2992, 1311, 1321										
4-03-010-98	Breathing Loss - Specify Liquid: Breathing Loss	0.0	0.0	0.0	0.0	---	0.0	---	Capacity 1000 Gallons Storage Capacity	
Fixed Roof Tanks (Tank Dia. Independent) - 2911, 2992, 1311, 1321										
4-03-010-07	Gasoline RVP 13: Working Loss	0.0	0.0	0.0	0.0	10.0	0.0	---	1000 Gallons Throughput	
4-03-010-08	Gasoline RVP 10: Working Loss	0.0	0.0	0.0	0.0	8.2	0.0	---	1000 Gallons Throughput	
4-03-010-09	Gasoline RVP 7: Working Loss	0.0	0.0	0.0	0.0	5.7	0.0	---	1000 Gallons Throughput	
4-03-010-12	Crude Oil RVP 5: Working Loss	0.0	0.0	0.0	0.0	2.47	0.0	---	1000 Gallons Throughput	
4-03-010-15	Jet Naphtha (JP-4): Working Loss	0.0	0.0	0.0	0.0	2.5	0.0	---	1000 Gallons Throughput	
4-03-010-18	Jet Kerosene: Working Loss	0.0	0.0	0.0	0.0	0.03	0.0	---	1000 Gallons Throughput	
4-03-010-21	Distillate Fuel #2: Working Loss	0.0	0.0	0.0	0.0	0.02	0.0	---	1000 Gallons Throughput	
4-03-010-99	Specify Liquid: Working Loss	0.0	0.0	0.0	0.0	XXX	0.0	XXX	1000 Gallons Throughput	
Float Roof Tanks (67,000 BBl. Tank Size) - 2911, 2992, 1311, 1321										
4-03-011-01	Gasoline RVP 13: Standing Loss	0.0	0.0	0.0	0.0	18.2	0.0	---	1000 Gallons Storage Capacity	
4-03-011-02	Gasoline RVP 10: Standing Loss	0.0	0.0	0.0	0.0	13.4	0.0	---	1000 Gallons Storage Capacity	
4-03-011-03	Gasoline RVP 7: Standing Loss	0.0	0.0	0.0	0.0	8.6	0.0	---	1000 Gallons Storage Capacity	
4-03-011-07	Gasoline RVP13 / RVP10/RVP7: Withdrawal Loss	0.0	0.0	0.0	0.0	0.0019	0.0	---	1000 Gallons Throughput	
4-03-011-09	Crude Oil RVP 5: Standing Loss	0.0	0.0	0.0	0.0	1.76	0.0	---	1000 Gallons Storage Capacity	
4-03-011-11	Jet Naphtha (JP-4): Standing Loss	0.0	0.0	0.0	0.0	3.5	0.0	---	1000 Gallons Storage Capacity	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Float Roof Tanks (67,000 BBl. Tank Size) - 2911, 2992, 1311, 1321										
4-03-011-13	Jet Kerosene: Standing Loss	0.0	0.0	0.0	0.0	0.035	0.0	---	1000 Gallons Storage Capacity	
4-03-011-15	Distillate Fuel #2: Standing Loss	0.0	0.0	0.0	0.0	0.026	0.0	---	1000 Gallons Storage Capacity	
4-03-011-98	Specify Liquid: Standing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
Float Roof Tanks(250,000 BBl. Tank Size) - 2911, 2992, 1311, 1321										
4-03-011-04	Gasoline RVP 13: Standing Loss	0.0	0.0	0.0	0.0	8.9	0.0	---	1000 Gallons Storage Capacity	
4-03-011-05	Gasoline RVP 10: Standing Loss	0.0	0.0	0.0	0.0	6.5	0.0	---	1000 Gallons Storage Capacity	
4-03-011-06	Gasoline RVP 7: Standing Loss	0.0	0.0	0.0	0.0	4.2	0.0	---	1000 Gallons Storage Capacity	
4-03-011-08	Gasoline RVP13 / RVP10/RVP7: Withdrawal Loss	0.0	0.0	0.0	0.0	0.001	0.0	---	1000 Gallons Throughput	
4-03-011-10	Crude Oil RVP 5: Standing Loss	0.0	0.0	0.0	0.0	0.89	0.0	---	1000 Gallons Storage Capacity	
4-03-011-12	Jet Naphtha (JP-4): Standing Loss	0.0	0.0	0.0	0.0	1.7	0.0	---	1000 Gallons Storage Capacity	
4-03-011-14	Jet Kerosene: Standing Loss	0.0	0.0	0.0	0.0	0.017	0.0	---	1000 Gallons Storage Capacity	
4-03-011-16	Distillate Fuel #2: Standing Loss	0.0	0.0	0.0	0.0	0.013	0.0	---	1000 Gallons Storage Capacity	
4-03-011-99	Specify Liquid: Standing Loss	0.0	0.0	0.0	0.0	XXX	0.0	XXX	1000 Gallons Storage Capacity	
Floating Roof Tanks (Withdrawal Loss) - 2911, 2992, 1311, 1321										
4-03-011-17	Crude Oil RVP 5	0.0	0.0	0.0	0.0	0.007	0.0	---	1000 Gallons Throughput	
4-03-011-18	Jet Naphtha (JP-4)	0.0	0.0	0.0	0.0	0.056	0.0	---	1000 Gallons Throughput	
4-03-011-19	Jet Kerosene	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Floating Roof Tanks (Withdrawal Loss) - 2911, 2992, 1311, 1321										
4-03-011-20	Distillate Fuel #2	0.0	0.0	0.0	0.0	0.0002	0.0	---	1000 Gallons Throughput	
4-03-011-97	Specify Liquid: Withdrawal Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
Tanks w/ External Float Roof - Primary Seal - 2911, 2992, 1311, 1321										
4-03-011-30	Specify Liquid: Standing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-03-011-31	Gasoline: Standing Loss	0.0	0.0	0.0	0.0	14.5	0.0	---	1000 Gallons Storage Capacity	
4-03-011-32	Crude Oil: Standing Loss	0.0	0.0	0.0	0.0	1.6	0.0	---	1000 Gallons Storage Capacity	
4-03-011-33	Jet Naphtha (JP-4): Standing Loss	0.0	0.0	0.0	0.0	2.7	0.0	---	1000 Gallons Storage Capacity	
4-03-011-34	Jet Kerosene: Standing Loss	0.0	0.0	0.0	0.0	0.3	0.0	---	1000 Gallons Storage Capacity	
4-03-011-35	Distillate Fuel #2: Standing Loss	0.0	0.0	0.0	0.0	0.2	0.0	---	1000 Gallons Storage Capacity	
Tanks w/ External Float Roof - Secondary Seal - 2911, 2992, 1311, 1321										
4-03-011-40	Specify Liquid: Standing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-03-011-41	Gasoline: Standing Loss	0.0	0.0	0.0	0.0	0.8	0.0	---	1000 Gallons Storage Capacity	
4-03-011-42	Crude Oil: Standing Loss	0.0	0.0	0.0	0.0	0.08	0.0	---	1000 Gallons Storage Capacity	
4-03-011-43	Jet Naphtha (JP-4): Standing Loss	0.0	0.0	0.0	0.0	0.1	0.0	---	1000 Gallons Storage Capacity	
4-03-011-44	Jet Kerosene: Standing Loss	0.0	0.0	0.0	0.0	0.002	0.0	---	1000 Gallons Storage Capacity	
4-03-011-45	Distillate Fuel #2: Standing Loss	0.0	0.0	0.0	0.0	0.001	0.0	---	1000 Gallons Storage Capacity	
Tanks w/ Internal Floating Roofs - 2911, 2992, 1311, 1321										
4-03-011-50	Specify Liquid:	0.0	0.0	0.0	0.0	0.18	0.0	---	1000 Gallons Storage	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Tanks w/ Internal Floating Roofs - 2911, 2992, 1311, 1321										
4-03-011-51	Standing Loss - Gasoline: Standing Loss	0.0	0.0	0.0	0.0	0.18	0.0	---	Capacity 1000 Gallons Storage Capacity	
4-03-011-52	- Crude Oil: Standing Loss	0.0	0.0	0.0	0.0	0.02	0.0	---	1000 Gallons Storage Capacity	
4-03-011-53	- Jet Naphtha (JP-4): Standing Loss	0.0	0.0	0.0	0.0	0.03	0.0	---	1000 Gallons Storage Capacity	
4-03-011-54	- Jet Kerosene: Standing Loss	0.0	0.0	0.0	0.0	0.02	0.0	---	1000 Gallons Storage Capacity	
4-03-011-55	- Distillate Fuel #2: Standing Loss	0.0	0.0	0.0	0.0	0.02	0.0	---	1000 Gallons Storage Capacity	
Variable Vapor Space (10,500 BBl. Capacity) - 2911, 2992, 1311, 1321										
4-03-012-01	- Gasoline RVP 13: Filling Loss	0.0	0.0	0.0	0.0	9.6	0.0	---	1000 Gallons Throughput	
4-03-012-02	- Gasoline RVP 10: Filling Loss	0.0	0.0	0.0	0.0	7.7	0.0	---	1000 Gallons Throughput	
4-03-012-03	- Gasoline RVP 7: Filling Loss	0.0	0.0	0.0	0.0	5.4	0.0	---	1000 Gallons Throughput	
4-03-012-04	- Jet Naphtha (JP-4): Filling Loss	0.0	0.0	0.0	0.0	2.3	0.0	---	1000 Gallons Throughput	
4-03-012-05	- Jet Kerosene: Filling Loss	0.0	0.0	0.0	0.0	0.025	0.0	---	1000 Gallons Throughput	
4-03-012-06	- Distillate Fuel #2: Filling Loss	0.0	0.0	0.0	0.0	0.022	0.0	---	1000 Gallons Throughput	
4-03-012-07	- Benzene: Filling Loss	0.0	0.0	0.0	0.0	0.003	0.0	---	1000 Gallons Throughput	
4-03-012-99	- Specify Liquid: Filling Loss	0.0	0.0	0.0	0.0	XXX	0.0	XXX	1000 Gallons Throughput	
Fugitive Emissions - 1300, 2900										
4-03-888-01	- Specify in Comments Field	---	---	---	---	---	---	---	1000 Gallons Storage Capacity	
4-03-888-02	- Specify in Comments Field	---	---	---	---	---	---	---	1000 Gallons Storage Capacity	
4-03-888-03	- Specify in Comments	---	---	---	---	---	---	---	1000 Gallons Storage	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Fugitive Emissions - 1300, 2900										
4-03-888-04	Field Specify in Comments Field	---	---	---	---	---	---	---	Capacity 1000 Gallons Storage Capacity	
4-03-888-05	Specify in Comments Field	---	---	---	---	---	---	---	1000 Gallons Storage Capacity	
BULK TERMINALS/PLANTS - PETROLEUM STORAGE TANKS - MAJOR GROUPS 42, & 51										
Fixed Roof Tanks (67,000 BBL. Capacity) - 5171, 4226										
4-04-001-01	Gasoline RVP 13: Breathing Loss	0.0	0.0	0.0	0.0	30.5	0.0	---	1000 Gallons Storage Capacity	
4-04-001-02	Gasoline RVP 10: Breathing Loss	0.0	0.0	0.0	0.0	23.5	0.0	---	1000 Gallons Storage Capacity	
4-04-001-03	Gasoline RVP 7: Breathing Loss	0.0	0.0	0.0	0.0	16.4	0.0	---	1000 Gallons Storage Capacity	
Floating Roof Tanks (67,000 BBL. Capacity) - 5171, 4226										
4-04-001-10	Gasoline RVP 13: Standing Loss	0.0	0.0	0.0	0.0	18.2	0.0	---	1000 Gallons Storage Capacity	
4-04-001-11	Gasoline RVP 10: Standing Loss	0.0	0.0	0.0	0.0	13.4	0.0	---	1000 Gallons Storage Capacity	
4-04-001-12	Gasoline RVP 7: Standing Loss	0.0	0.0	0.0	0.0	8.6	0.0	---	1000 Gallons Storage Capacity	
4-04-001-16	Gasoline RVP13 / RVP10/RVP7: Withdrawal Loss	0.0	0.0	0.0	0.0	0.002	0.0	---	1000 Gallons Throughput	
Fixed Roof Tanks (67,000 BBL. Capacity) - 5171, 4226										
4-04-002-01	Gasoline RVP 13: Breathing Loss	0.0	0.0	0.0	0.0	30.5	0.0	---	1000 Gallons Storage Capacity	
4-04-002-02	Gasoline RVP 10: Breathing Loss	0.0	0.0	0.0	0.0	23.5	0.0	---	1000 Gallons Storage Capacity	
4-04-002-03	Gasoline RVP 7: Breathing Loss	0.0	0.0	0.0	0.0	15.0	0.0	---	1000 Gallons Storage Capacity	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Floating Roof Tanks (67,000 BBL. Capacity) - 5171, 4226										
4-04-002-07	Gasoline RVP 13: Standing Loss	0.0	0.0	0.0	0.0	18.2	0.0	---	1000 Gallons Storage Capacity	
4-04-002-08	Gasoline RVP 10: Standing Loss	0.0	0.0	0.0	0.0	13.4	0.0	---	1000 Gallons Storage Capacity	
4-04-002-09	Gasoline RVP 7: Standing Loss	0.0	0.0	0.0	0.0	8.6	0.0	---	1000 Gallons Storage Capacity	
4-04-002-10	Gasoline RVP13 / RVP10/RVP7: Withdrawal Loss	0.0	0.0	0.0	0.0	0.0019	0.0	---	1000 Gallons Throughput	
Fixed Roof Tanks (250,000 BBL. Capacity) - 5171, 4226										
4-04-001-04	Gasoline RVP 13: Breathing Loss	0.0	0.0	0.0	0.0	22.5	0.0	---	1000 Gallons Storage Capacity	
4-04-001-05	Gasoline RVP 10: Breathing Loss	0.0	0.0	0.0	0.0	17.4	0.0	---	1000 Gallons Storage Capacity	
4-04-001-06	Gasoline RVP 7: Breathing Loss	0.0	0.0	0.0	0.0	12.3	0.0	---	1000 Gallons Storage Capacity	
Floating Roof Tanks (250,000 BBL. Capacity) - 5171, 4226										
4-04-001-13	Gasoline RVP 13: Standing Loss	0.0	0.0	0.0	0.0	8.9	0.0	---	1000 Gallons Storage Capacity	
4-04-001-14	Gasoline RVP 10: Standing Loss	0.0	0.0	0.0	0.0	6.5	0.0	---	1000 Gallons Storage Capacity	
4-04-001-15	Gasoline RVP 7: Standing Loss	0.0	0.0	0.0	0.0	4.2	0.0	---	1000 Gallons Storage Capacity	
4-04-001-17	Gasoline RVP13 / RVP10/RVP7: Withdrawal Loss	0.0	0.0	0.0	0.0	0.001	0.0	---	1000 Gallons Throughput	
Fixed Roof Tanks (Tank Dia. Independent) - 5171, 4226										
4-04-001-07	Gasoline RVP 13: Working Loss	0.0	0.0	0.0	0.0	10.0	0.0	---	1000 Gallons Throughput	
4-04-001-08	Gasoline RVP 10: Working Loss	0.0	0.0	0.0	0.0	8.2	0.0	---	1000 Gallons Throughput	
4-04-001-09	Gasoline RVP 7:	0.0	0.0	0.0	0.0	5.7	0.0	---	1000 Gallons	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Fixed Roof Tanks (Tank Dia. Independent) - 5171, 4226										
	Working Loss								Throughput	
Fixed Roof Tanks (67,000 BBL. Capacity) - 5171, 4226										
4-04-002-04 -	Gasoline RVP 13:	0.0	0.0	0.0	0.0	10.0	0.0	---	1000 Gallons	
	Working Loss								Throughput	
4-04-002-05 -	Gasoline RVP 10:	0.0	0.0	0.0	0.0	8.2	0.0	---	1000 Gallons	
	Working Loss								Throughput	
4-04-002-06 -	Gasoline RVP 7:	0.0	0.0	0.0	0.0	5.7	0.0	---	1000 Gallons	
	Working Loss								Throughput	
Variable Vapor Space (10,500 BBl. Capacity) - 5171, 4226										
4-04-001-18 -	Gasoline RVP 13:	0.0	0.0	0.0	0.0	9.6	0.0	---	1000 Gallons	
	Filling Loss								Throughput	
4-04-001-19 -	Gasoline RVP 10:	0.0	0.0	0.0	0.0	7.7	0.0	---	1000 Gallons	
	Filling Loss								Throughput	
4-04-001-20 -	Gasoline RVP 7:	0.0	0.0	0.0	0.0	5.4	0.0	---	1000 Gallons	
	Filling Loss								Throughput	
4-04-002-11 -	Gasoline RVP 13:	0.0	0.0	0.0	0.0	9.6	0.0	---	1000 Gallons	
	Filling Loss								Throughput	
4-04-002-12 -	Gasoline RVP 10:	0.0	0.0	0.0	0.0	7.7	0.0	---	1000 Gallons	
	Filling Loss								Throughput	
4-04-002-13 -	Gasoline RVP 7:	0.0	0.0	0.0	0.0	5.4	0.0	---	1000 Gallons	
	Filling Loss								Throughput	
Tank w/ External Float Roof - Primary Seal - 5171, 4226										
4-04-001-30 -	Specify Liquid:	---	---	---	---	---	---	---	1000 Gallons Storage	
	Standing Loss								Capacity	
4-04-001-31 -	Gasoline RVP 13:	---	---	---	---	---	---	---	1000 Gallons Storage	
	Standing Loss								Capacity	
Tanks w/ External Float Roof - Primary Seal - 5171, 4226										
4-04-002-30 -	Specify Liquid:	---	---	---	---	---	---	---	1000 Gallons Storage	
	Standing Loss								Capacity	
4-04-002-31 -	Gasoline RVP 13:	---	---	---	---	---	---	---	1000 Gallons Storage	
	Standing Loss								Capacity	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Tank w/ External Float Roof - Secondary Seal - 5171, 4226										
4-04-001-40	Specify Liquid: Standing Loss	---	---	---	---	---	---	---	1000 Gallons Storage Capacity	
4-04-001-41	Gasoline RVP 13: Standing Loss	---	---	---	---	---	---	---	1000 Gallons Storage Capacity	
Tanks w/ External Float Roof - Secondary Seal - 5171, 4226										
4-04-002-40	Specify Liquid: Standing Loss	---	---	---	---	---	---	---	1000 Gallons Storage Capacity	
4-04-002-41	Gasoline RVP 13: Standing Loss	---	---	---	---	---	---	---	1000 Gallons Storage Capacity	
Miscellaneous Losses/Leaks - 5171, 4226										
4-04-001-51	Valves, Flanges, and Pumps	0.0	0.0	0.0	0.0	0.3	0.0	---	1000 Gallons Transferred	
4-04-001-52	Vapor Collection Losses	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Transferred	
4-04-001-53	Vapor Control Unit Losses	0.0	0.0	0.0	0.0	4.8	0.0	---	1000 Gallons Transferred	
4-04-001-54	Tank Truck Vapor Leaks	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Transferred	
4-04-002-50	Loading Racks	0.0	0.0	0.0	0.0	0.7	0.0	---	1000 Gallons Transferred	
4-04-002-51	Valves, Flanges, and Pumps	0.0	0.0	0.0	0.0	0.025	0.0	---	1000 Gallons Transferred	
4-04-002-54	Tank Truck Vapor Losses	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Transferred	
Tank w/ Internal Float Roof - Primary Seal - 5171, 4226										
4-04-001-60	Specify Liquid: Standing Loss	---	---	---	---	---	---	---	1000 Gallons Storage Capacity	
4-04-001-61	Gasoline RVP 13: Standing Loss	---	---	---	---	---	---	---		
Tanks w/ Internal Float Roof - Primary Seal - 5171, 4226										
4-04-002-60	Specify Liquid:	---	---	---	---	---	---	---	1000 Gallons Storage	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Tanks w/ Internal Float Roof - Primary Seal - 5171, 4226										
4-04-002-61	Standing Loss - Gasoline RVP 13: Standing Loss	---	---	---	---	---	---	---	1000 Gallons Storage Capacity	
Tanks w/ Internal Float Roof - Secondary Seal - 5171, 4226										
4-04-001-70	Specify Liquid: Standing Loss	---	---	---	---	---	---	---	1000 Gallons Storage Capacity	
4-04-001-71	Gasoline RVP 13: Standing Loss	---	---	---	---	---	---	---	1000 Gallons Storage Capacity	
4-04-002-70	Specify Liquid: Standing Loss	---	---	---	---	---	---	---	1000 Gallons Storage Capacity	
4-04-002-71	Gasoline RVP 13: Standing Loss	---	---	---	---	---	---	---	1000 Gallons Storage Capacity	
Oil Field Storage of Crude Oil - 1311										
4-04-003-01	Fixed Roof Tank: Breathing Loss	0.0	0.0	0.0	0.0	28.0	0.0	---	1000 Gallons Storage Capacity	
4-04-003-02	Fixed Roof Tank: Working Loss	0.0	0.0	0.0	0.0	7.2	0.0	---	1000 Gallons Throughput	
4-04-003-03	Ext. Float Roof Tank w/ Pri. Seals: Standing Loss	0.0	0.0	0.0	0.0	1.6	0.0	---	1000 Gallons Storage Capacity	
4-04-003-04	Ext. Float Roof Tank w/ Sec. Seals: Standing Loss	0.0	0.0	0.0	0.0	0.08	0.0	---	1000 Gallons Storage Capacity	
4-04-003-05	Internal Floating Roof Tank: Standing Loss	0.0	0.0	0.0	0.0	0.02	0.0	---	1000 Gallons Storage Capacity	
Underground Tanks - 5171, 4226										
4-04-004-01	Gasoline RVP 13: Breathing Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Storage Capacity	
4-04-004-02	Gasoline RVP 13: Working Loss	0.0	0.0	0.0	0.0	14.7	0.0	---	1000 Gallons Throughput	
4-04-004-03	Gasoline RVP 10: Breathing Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Storage Capacity	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Underground Tanks - 5171, 4226										
4-04-004-04	Gasoline RVP 10: Working Loss	0.0	0.0	0.0	0.0	11.9	0.0	---	1000 Gallons Throughput	
4-04-004-05	Gasoline RVP 7: Breathing Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Storage Capacity	
4-04-004-06	Gasoline RVP 7: Working Loss	0.0	0.0	0.0	0.0	8.3	0.0	---	1000 Gallons Throughput	
4-04-004-07	Crude Oil RVP 5: Breathing Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Storage Capacity	
4-04-004-08	Crude Oil RVP 5: Working Loss	0.0	0.0	0.0	0.0	4.9	0.0	---	1000 Gallons Throughput	
4-04-004-09	Jet Naphtha (JP-4): Breathing Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Storage Capacity	
4-04-004-10	Jet Naphtha (JP-4): Working Loss	0.0	0.0	0.0	0.0	3.6	0.0	---	1000 Gallons Throughput	
4-04-004-11	Jet Kerosene: Breathing Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Storage Capacity	
4-04-004-12	Jet Kerosene: Working Loss	0.0	0.0	0.0	0.0	0.04	0.0	---	1000 Gallons Throughput	
4-04-004-13	Distillate Fuel #2: Breathing Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Storage Capacity	
4-04-004-14	Distillate Fuel #2: Working Loss	0.0	0.0	0.0	0.0	0.03	0.0	---	1000 Gallons Throughput	
4-04-004-97	Specify Liquid: Breathing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-04-004-98	Specify Liquid: Working Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
PRINTING/PUBLISHING - PRINTING PROCESS - MAJOR GROUP 27										
Dryers - 2700										
4-05-001-01	Dryer: General	---	0.0	150.0 S	32.0	2000.0 (c)	---	---	Tons Solvent in Ink	
4-05-001-99	Dryer: General	XXX	0.0	XXX	XXX	XXX	XXX	XXX	Gallons Ink	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Printing - 2751										
4-05-002-01	Letter Press: General - 2751	0.0	0.0	0.0	0.0	420.0	0.0	---	Tons Ink	
4-05-002-11	Letter Press: General - 2751	0.0	0.0	0.0	0.0	1200.0	0.0	---	Tons Solvent in Ink	
4-05-002-12	Letter Press: General - 2751	0.0	0.0	0.0	0.0	1.5	0.0	---	Gallons Ink	
4-05-003-01	Flexographic: General - 2751	0.0	0.0	0.0	0.0	1240.0	0.0	---	Tons Ink	
4-05-003-11	Flexographic: General - 2751	0.0	0.0	0.0	0.0	1910.0	0.0	---	Tons Solvent in Ink	
4-05-003-12	Flexographic: General - 2751	0.0	0.0	0.0	0.0	4.4	0.0	---	Gallons Ink	
4-05-003-14	Flexographic: Propyl Alcohol Cleanup	---	---	---	---	---	---	---	Tons Solvent Consumed	
4-05-004-01	Lithographic: General - 2752	0.0	0.0	0.0	0.0	350.0	0.0	---	Tons Ink	
4-05-004-11	Lithographic: General - 2752	0.0	0.0	0.0	0.0	1000.0	0.0	---	Tons Solvent in Ink	
4-05-004-12	Lithographic: General - 2752	0.0	0.0	0.0	0.0	1.24	0.0	---	Gallons Ink	
4-05-004-13	Lithographic: Isopropyl Alcohol Cleanup	---	---	---	---	---	---	---	Tons Solvent Used	
4-05-004-14	Flexographic: Propyl Alcohol Cleanup	---	---	---	---	---	---	---	Tons Solvent Consumed	
4-05-005-01	Gravure - 2754	0.0	0.0	0.0	0.0	1240.0	0.0	---	Tons Ink	
4-05-005-11	Gravure - 2754	0.0	0.0	0.0	0.0	1910.0	0.0	---	Tons Solvent in Ink	
4-05-005-12	Gravure - 2754	0.0	0.0	0.0	0.0	4.4	0.0	---	Gallons Ink	
4-05-005-13	Gravure - 2754	0.0	0.0	0.0	0.0	12.4	0.0	---	Gallons Ink	
4-05-005-14	Gravure: Cleanup Solvent General	---	---	---	---	---	---	---	Tons Solvent Consumed	
4-05-006-01	Ink Mixing: General	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	---	Tons Solvent in Ink	
4-05-007-01	Solvent Storage: General	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	---	Tons Solvent Stored	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Ink Thinning Solvents - 2751										
4-05-002-02	Kerosene	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	---	Tons Solvent Added	
4-05-002-03	Mineral Spirits	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	---	Tons Solvent Added	
4-05-003-02	Carbitol	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	---	Tons Solvent Added	
4-05-003-03	Cellosolve	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	---	Tons Solvent Added	
4-05-003-04	Ethyl Alcohol	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	---	Tons Solvent Added	
4-05-003-05	Isopropyl Alcohol	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	---	Tons Solvent Added	
4-05-003-06	N-Propyl Alcohol	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	---	Tons Solvent Added	
4-05-003-07	Naphtha	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	---	Tons Solvent Added	
4-05-005-02	Dimethylformamide	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	---	Tons Solvent Added	
4-05-005-03	Ethyl Acetate	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	---	Tons Solvent Added	
4-05-005-06	Methyl Ethyl Ketone	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	---	Tons Solvent Added	
4-05-005-07	Methyl Isobutyl Ketone	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	---	Tons Solvent Added	
4-05-005-10	Toluene	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	---	Tons Solvent Added	
4-05-005-98	Other Not Classified	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	---	Tons Solvent Added	
4-05-005-99	Other Not Classified	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Solvent	
Fugitive Emissions - 2700 (d)						2000.0 (c)	0.0	XXX	Tons Solvent Added	
4-05-888-01	Specify in Comments Field	---	---	---	---	---	---	---	Process-Unit/Year	
4-05-888-02	Specify in Comments Field	---	---	---	---	---	---	---	Process-Unit/Year	
4-05-888-03	Specify in Comments Field	---	---	---	---	---	---	---	Process-Unit/Year	
4-05-888-04	Specify in Comments Field	---	---	---	---	---	---	---	Process-Unit/Year	
4-05-888-05	Specify in Comments Field	---	---	---	---	---	---	---	Process-Unit/Year	
TRANSPORTATION AND MARKETING OF PETROLEUM PRODUCTS - MAJOR GROUPS 44, 45, & 51										
Tank Cars and Trucks - Normal Service - 5169, 5171, 5172										
4-06-001-31	Gasoline: Submerged Loading	0.0	0.0	0.0	0.0	5.0	0.0	---	1000 Gallons Transferred	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Tank Cars and Trucks - Normal Service - 5169, 5171, 5172										
4-06-001-32	Crude Oil: Submerged Loading	0.0	0.0	0.0	0.0	2.8	0.0	---	1000 Gallons Transferred	
4-06-001-33	Jet Naphtha: Submerged Loading	0.0	0.0	0.0	0.0	1.5	0.0	---	1000 Gallons Transferred	
4-06-001-34	Kerosene: Submerged Loading	0.0	0.0	0.0	0.0	0.02	0.0	---	1000 Gallons Transferred	
4-06-001-35	Distillate Oil: Submerged Loading	0.0	0.0	0.0	0.0	0.01	0.0	---	1000 Gallons Transferred	
4-06-001-36	Gasoline: Splash Loading	0.0	0.0	0.0	0.0	12.0	0.0	---	1000 Gallons Transferred	
4-06-001-37	Crude Oil: Splash Loading	0.0	0.0	0.0	0.0	6.6	0.0	---	1000 Gallons Transferred	
4-06-001-38	Jet Naphtha: Splash Loading	0.0	0.0	0.0	0.0	4.0	0.0	---	1000 Gallons Transferred	
4-06-001-39	Kerosene: Splash Loading	0.0	0.0	0.0	0.0	0.04	0.0	---	1000 Gallons Transferred	
4-06-001-40	Distillate Oil: Splash Loading	0.0	0.0	0.0	0.0	0.03	0.0	---	1000 Gallons Transferred	
Tank Cars and Trucks - Balanced Service - 5169, 5171, 5172										
4-06-001-41	Gasoline: Submerged Loading	0.0	0.0	0.0	0.0	8.0	0.0	---	1000 Gallons Transferred	
4-06-001-42	Crude Oil: Submerged Loading	0.0	0.0	0.0	0.0	4.7	0.0	---	1000 Gallons Transferred	
4-06-001-43	Jet Naphtha: Submerged Loading	0.0	0.0	0.0	0.0	2.5	0.0	---	1000 Gallons Transferred	
4-06-001-44	Gasoline: Splash Loading	0.0	0.0	0.0	0.0	8.0	0.0	---	1000 Gallons Transferred	
4-06-001-45	Crude Oil: Splash Loading	0.0	0.0	0.0	0.0	4.7	0.0	---	1000 Gallons Transferred	
4-06-001-46	Jet Naphtha: Splash Loading	0.0	0.0	0.0	0.0	2.5	0.0	---	1000 Gallons Transferred	
Tank Cars and Trucks - Clean Tanks - 5169, 5171, 5172										
4-06-001-47	Gasoline: Submerged	0.0	0.0	0.0	0.0	4.0	0.0	---	1000 Gallons	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Tank Cars and Trucks - Clean Tanks - 5169, 5171, 5172										
	Loading									
4-06-001-48 -	Crude Oil: Submerged Loading	0.0	0.0	0.0	0.0	2.4	0.0	---	Transferred 1000 Gallons	
4-06-001-49 -	Jet Naphtha: Submerged Loading	0.0	0.0	0.0	0.0	1.25	0.0	---	Transferred 1000 Gallons	
4-06-001-60 -	Kerosene: Submerged Loading	0.0	0.0	0.0	0.0	0.02	0.0	---	Transferred 1000 Gallons	
4-06-001-61 -	Distillate Oil: Submerged Loading	0.0	0.0	0.0	0.0	0.008	0.0	---	Transferred 1000 Gallons	
Tank Cars and Trucks - Transit Losses - 5169, 5171, 5172									Transferred	
4-06-001-62 -	Gasoline: Loaded w/ Fuel	0.0	0.0	0.0	0.0	0.005	0.0	---	1000 Gallons	
4-06-001-63 -	Gasoline: Return w/ Vapor	0.0	0.0	0.0	0.0	0.055	0.0	---	Transferred 1000 Gallons	
Marine Vessels - 4491									Transferred	
4-06-002-31 -	Gasoline: Ship Loading-Cleaned & Vapor Free Tanks	0.0	0.0	0.0	0.0	1.0	0.0	---	1000 Gallons	
4-06-002-32 -	Gasoline: Ocean Barges Loading	0.0	0.0	0.0	0.0	1.3	0.0	---	Transferred 1000 Gallons	
4-06-002-33 -	Gasoline: Barge Loading-Cleaned & Vapor Free Tanks	0.0	0.0	0.0	0.0	1.2	0.0	---	Transferred 1000 Gallons	
4-06-002-34 -	Gasoline: Ship Loading - Ballasted Tank	0.0	0.0	0.0	0.0	1.6	0.0	---	Transferred 1000 Gallons	
4-06-002-35 -	Gasoline: Ocean Barges Loading - Ballasted Tank	0.0	0.0	0.0	0.0	2.1	0.0	---	Transferred 1000 Gallons	
4-06-002-36 -	Gasoline: Ship Loading - Uncleaned Tanks	0.0	0.0	0.0	0.0	2.4	0.0	---	Transferred 1000 Gallons	
4-06-002-37 -	Gasoline: Ocean Barges Loading -	0.0	0.0	0.0	0.0	3.3	0.0	---	Transferred 1000 Gallons	
									Transferred	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Marine Vessels - 4491										
4-06-002-38	Uncleaned Tanks - Gasoline: Barges Loading - Uncleaned Tanks	0.0	0.0	0.0	0.0	4.0	0.0	---	1000 Gallons Transferred	
4-06-002-39	Gasoline: Tanker Ship - Ballasted Tank Condition	0.0	0.0	0.0	0.0	1.4	0.0	---	1000 Gallons Transferred	
4-06-002-40	Gasoline: Barge Loading - Average Tank Condition	0.0	0.0	0.0	0.0	4.0	0.0	---	1000 Gallons Transferred	
4-06-002-41	Gasoline: Tanker Ship - Ballesting	0.0	0.0	0.0	0.0	0.8	0.0	---	1000 Gallons Total Cargo Capacity	
4-06-002-42	Gasoline: Transit Loss	0.0	0.0	0.0	0.0	156.0	0.0	---	1000 Gallons Transported	
4-06-002-43	Crude Oil: Loading Tankers	0.0	0.0	0.0	0.0	0.68	0.0	---	1000 Gallons Transferred	
4-06-002-44	Jet Fuel: Loading Tankers	0.0	0.0	0.0	0.0	0.5	0.0	---	1000 Gallons Transferred	
4-06-002-45	Kerosene: Loading Tankers	0.0	0.0	0.0	0.0	0.005	0.0	---	1000 Gallons Transferred	
4-06-002-46	Distillate Oil: Loading Tankers	0.0	0.0	0.0	0.0	0.005	0.0	---	1000 Gallons Transferred	
4-06-002-48	Crude Oil: Loading Barges	0.0	0.0	0.0	0.0	1.6	0.0	---	1000 Gallons Transferred	
4-06-002-49	Jet Fuel: Loading Barges	0.0	0.0	0.0	0.0	1.2	0.0	---	1000 Gallons Transferred	
4-06-002-50	Kerosene: Loading Barges	0.0	0.0	0.0	0.0	0.013	0.0	---	1000 Gallons Transferred	
4-06-002-51	Distillate Oil: Loading Barges	0.0	0.0	0.0	0.0	0.012	0.0	---	1000 Gallons Transferred	
4-06-002-53	Crude Oil: Tanker Ballesting	0.0	0.0	0.0	0.0	0.57	0.0	---	1000 Gallons Total Cargo Capacity	
4-06-002-54	Crude Oil: Transit Loss	0.0	0.0	0.0	0.0	49.0	0.0	---	1000 Gallons Transported	
4-06-002-55	Jet Fuel: Transit Loss	0.0	0.0	0.0	0.0	36.4	0.0	---	1000 Gallons Transported	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Marine Vessels - 4491										
4-06-002-56	Kerosene: Transit Loss	0.0	0.0	0.0	0.0	0.26	0.0	---	1000 Gallons Transported	
4-06-002-57	Distillate Oil: Transit Loss	0.0	0.0	0.0	0.0	0.26	0.0	---	1000 Gallons Transported	
4-06-002-59	Tanker/Barge Cleaning	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Total Cargo Capacity	
Gasoline Retail Operations - Stage I - 5541										
4-06-003-01	Splash Filling	0.0	0.0	0.0	0.0	11.5	0.0	---	1000 Gallons Transferred	
4-06-003-02	Submerged Filling w/o Controls	0.0	0.0	0.0	0.0	7.3	0.0	---	1000 Gallons Transferred	
4-06-003-06	Balanced Submerged Filling	0.0	0.0	0.0	0.0	0.3	0.0	---	1000 Gallons Throughput	
4-06-003-07	Underground Tank Breathing & Emptying	0.0	0.0	0.0	0.0	1.0	0.0	---	1000 Gallons Throughput	
Filling Vehicle Gas Tanks - Stage II - 5541										
4-06-004-01	Vapor Loss w/o Controls	0.0	0.0	0.0	0.0	11.0	0.0	---	1000 Gallons Pumped	
4-06-004-02	Liquid Spill Loss w/o Controls	0.0	0.0	0.0	0.0	0.67	0.0	---	1000 Gallons Pumped	
4-06-004-03	Vapor Loss w/o Controls	0.0	0.0	0.0	0.0	0.9	0.0	---	1000 Gallons Transferred	
Fugitive Emissions - 4400, 4500, 5100										
4-06-888-01	Specify in Comments Field	---	---	---	---	---	---	---	1000 Gallons Throughput	
4-06-888-02	Specify in Comments Field	---	---	---	---	---	---	---	Process-Unit/Year	
4-06-888-03	Specify in Comments Field	---	---	---	---	---	---	---	Process-Unit/Year	
4-06-888-04	Specify in Comments Field	---	---	---	---	---	---	---	Process-Unit/Year	
4-06-888-05	Specify in Comments	---	---	---	---	---	---	---	Process-Unit/Year	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Fugitive Emissions - 4400, 4500, 5100										
	Field									
ORGANIC CHEMICAL STORAGE - FIXED ROOF TANKS - MAJOR GROUPS 28, 29, 30, & 51										
Acid Anhydrides - 2800, 2900, 3000, 5100										
4-07-004-01	Acetic Anhydrides: Breathing Loss	0.0	0.0	0.0	0.0	1.1	0.0	---	1000 Gallons Storage Capacity	
4-07-004-02	Acetic Anhydrides: Working Loss	0.0	0.0	0.0	0.0	0.13	0.0	---	1000 Gallons Throughput	
4-07-004-97	Specify Anhydride: Breathing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-004-98	Specify Anhydride: Working Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
Alcohols - 2800, 2900, 3000, 5100										
4-07-008-01	N-Butyl Alcohol: Breathing Loss	0.0	0.0	0.0	0.0	0.73	0.0	---	1000 Gallons Storage Capacity	
4-07-008-02	N-Butyl Alcohol: Working Loss	0.0	0.0	0.0	0.0	0.01	0.0	---	1000 Gallons Throughput	
4-07-008-03	Sec-Butyl Alcohol: Breathing Loss	0.0	0.0	0.0	0.0	2.2	0.0	---	1000 Gallons Storage Capacity	
4-07-008-04	Sec-Butyl Alcohol: Working Loss	0.0	0.0	0.0	0.0	0.32	0.0	---	1000 Gallons Throughput	
4-07-008-05	Tert-Butyl Alcohol: Breathing Loss	0.0	0.0	0.0	0.0	3.6	0.0	---	1000 Gallons Storage Capacity	
4-07-008-06	Tert-Butyl Alcohol: Working Loss	0.0	0.0	0.0	0.0	0.76	0.0	---	1000 Gallons Throughput	
4-07-008-07	Cyclohexanol: Breathing Loss	0.0	0.0	0.0	0.0	0.73	0.0	---	1000 Gallons Storage Capacity	
4-07-008-08	Cyclohexanol: Working Loss	0.0	0.0	0.0	0.0	0.046	0.0	---	1000 Gallons Throughput	
4-07-008-09	Ethyl Alcohol: Breathing Loss	0.0	0.0	0.0	0.0	2.9	0.0	---	1000 Gallons Storage Capacity	
4-07-008-10	Ethyl Alcohol: Working Loss	0.0	0.0	0.0	0.0	0.66	0.0	---	1000 Gallons Throughput	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Alcohols - 2800, 2900, 3000, 5100										
4-07-008-11	Isobutyl Alcohol: Breathing Loss	0.0	0.0	0.0	0.0	1.5	0.0	---	1000 Gallons Storage Capacity	
4-07-008-12	Isobutyl Alcohol: Working Loss	0.0	0.0	0.0	0.0	0.17	0.0	---	1000 Gallons Throughput	
4-07-008-13	Isopropyl Alcohol: Breathing Loss	0.0	0.0	0.0	0.0	3.6	0.0	---	1000 Gallons Storage Capacity	
4-07-008-14	Isopropyl Alcohol: Working Loss	0.0	0.0	0.0	0.0	0.86	0.0	---	1000 Gallons Throughput	
4-07-008-15	Methyl Alcohol: Breathing Loss	0.0	0.0	0.0	0.0	3.6	0.0	---	1000 Gallons Storage Capacity	
4-07-008-16	Methyl Alcohol: Working Loss	0.0	0.0	0.0	0.0	1.07	0.0	---	1000 Gallons Throughput	
4-07-008-17	N-Propyl Alcohol: Breathing Loss	0.0	0.0	0.0	0.0	1.8	0.0	---	1000 Gallons Storage Capacity	
4-07-008-18	N-Propyl Alcohol: Working Loss	0.0	0.0	0.0	0.0	0.29	0.0	---	1000 Gallons Throughput	
4-07-008-97	Specify Alcohol: Breathing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-008-98	Specify Alcohol: Working Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
Alkanes (Paraffins) - 2800, 2900, 3000, 5100										
4-07-016-01	N-Decane: Breathing Loss	0.0	0.0	0.0	0.0	0.73	0.0	---	1000 Gallons Storage Capacity	
4-07-016-02	N-Decane: Working Loss	0.0	0.0	0.0	0.0	0.04	0.0	---	1000 Gallons Throughput	
4-07-016-03	N-Dodecane: Breathing Loss	0.0	0.0	0.0	0.0	0.15	0.0	---	1000 Gallons Storage Capacity	
4-07-016-04	N-Dodecane: Working Loss	0.0	0.0	0.0	0.0	0.004	0.0	---	1000 Gallons Throughput	
4-07-016-05	N-Heptane: Breathing Loss	0.0	0.0	0.0	0.0	5.8	0.0	---	1000 Gallons Storage Capacity	
4-07-016-06	N-Heptane: Working Loss	0.0	0.0	0.0	0.0	1.3	0.0	---	1000 Gallons Throughput	
4-07-016-07	Isopentane:	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Alkanes (Paraffins) - 2800, 2900, 3000, 5100										
4-07-016-08	Breathing Loss - Isopentane: Working Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
4-07-016-09	Pentadecane: Breathing Loss	0.0	0.0	0.0	0.0	0.04	0.0	---	1000 Gallons Storage Capacity	
4-07-016-10	Pentadecane: Working Loss	0.0	0.0	0.0	0.0	0.0008	0.0	---	1000 Gallons Throughput	
4-07-016-11	Naphtha: Breathing Loss	0.0	0.0	0.0	0.0	0.15	0.0	---	1000 Gallons Storage Capacity	
4-07-016-12	Naphtha: Working Loss	0.0	0.0	0.0	0.0	0.006	0.0	---	1000 Gallons Throughput	
4-07-016-13	Petroleum Distillate: Breathing Loss	0.0	0.0	0.0	0.0	0.15	0.0	---	1000 Gallons Storage Capacity	
4-07-016-14	Petroleum Distillate: Working Loss	0.0	0.0	0.0	0.0	0.006	0.0	---	1000 Gallons Throughput	
4-07-016-97	Specify Alkane: Breathing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-016-98	Specify Alkane: Working Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
Alkenes (Olefins) - 2800, 2900, 3000, 5100										
4-07-020-01	Dodecene: Breathing Loss	0.0	0.0	0.0	0.0	0.15	0.0	---	1000 Gallons Storage Capacity	
4-07-020-02	Dodecene: Working Loss	0.0	0.0	0.0	0.0	0.005	0.0	---	1000 Gallons Throughput	
4-07-020-03	Heptenes-General: Breathing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-020-04	Heptenes-General: Working Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
4-07-020-97	Specify Olefin: Breathing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-020-98	Specify Olefin: Working Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Amines - 2800, 2900, 3000, 5100										
4-07-032-01	Aniline: Breathing Loss	0.0	0.0	0.0	0.0	0.22	0.0	---	1000 Gallons Storage Capacity	
4-07-032-02	Aniline: Working Loss	0.0	0.0	0.0	0.0	0.13	0.0	---	1000 Gallons Throughput	
4-07-032-03	Ethanolamines: Breathing Loss	0.0	0.0	0.0	0.0	0.11	0.0	---	1000 Gallons Storage Capacity	
4-07-032-04	Ethanolamines: Working Loss	0.0	0.0	0.0	0.0	0.004	0.0	---	1000 Gallons Throughput	
4-07-032-05	Ethyleneamines: Breathing Loss	0.0	0.0	0.0	0.0	7.3	0.0	---	1000 Gallons Storage Capacity	
4-07-032-06	Ethyleneamines: Working Loss	0.0	0.0	0.0	0.0	2.5	0.0	---	1000 Gallons Throughput	
4-07-032-97	Specify Amine: Breathing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-032-98	Specify Amine: Working Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
Aromatics - 2800, 2900, 3000, 5100										
4-07-036-01	Benzene: Breathing Loss	0.0	0.0	0.0	0.0	8.0	0.0	---	1000 Gallons Storage Capacity	
4-07-036-02	Benzene: Working Loss	0.0	0.0	0.0	0.0	2.25	0.0	---	1000 Gallons Throughput	
4-07-036-03	Cresol: Breathing Loss	0.0	0.0	0.0	0.0	0.11	0.0	---	1000 Gallons Storage Capacity	
4-07-036-04	Cresol: Working Loss	0.0	0.0	0.0	0.0	0.005	0.0	---	1000 Gallons Throughput	
4-07-036-05	Cumene: Breathing Loss	0.0	0.0	0.0	0.0	1.5	0.0	---	1000 Gallons Storage Capacity	
4-07-036-06	Cumene: Working Loss	0.0	0.0	0.0	0.0	0.16	0.0	---	1000 Gallons Throughput	
4-07-036-07	Diisopropyl Benzene: Breathing Loss	0.0	0.0	0.0	0.0	0.03	0.0	---	1000 Gallons Storage Capacity	
4-07-036-08	Diisopropyl Benzene: Working Loss	0.0	0.0	0.0	0.0	0.001	0.0	---	1000 Gallons Throughput	
4-07-036-09	Ethyl Benzene:	0.0	0.0	0.0	0.0	1.8	0.0	---	1000 Gallons Storage	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Aromatics - 2800, 2900, 3000, 5100										
4-07-036-10	Breathing Loss - Ethyl Benzene: Working Loss	0.0	0.0	0.0	0.0	0.27	0.0	---	Capacity 1000 Gallons Throughput	
4-07-036-11	- Methyl Styrene: Breathing Loss	0.0	0.0	0.0	0.0	0.73	0.0	---	1000 Gallons Storage Capacity	
4-07-036-12	- Methyl Styrene: Working Loss	0.0	0.0	0.0	0.0	0.05	0.0	---	1000 Gallons Throughput	
4-07-036-13	- Styrene: Breathing Loss	0.0	0.0	0.0	0.0	1.5	0.0	---	1000 Gallons Storage Capacity	
4-07-036-14	- Styrene: Working Loss	0.0	0.0	0.0	0.0	0.17	0.0	---	1000 Gallons Throughput	
4-07-036-15	- Toluene: Breathing Loss	0.0	0.0	0.0	0.0	3.6	0.0	---	1000 Gallons Storage Capacity	
4-07-036-16	- Toluene: Working Loss	0.0	0.0	0.0	0.0	0.66	0.0	---	1000 Gallons Throughput	
4-07-036-17	- m-Xylene: Breathing Loss	0.0	0.0	0.0	0.0	1.8	0.0	---	1000 Gallons Storage Capacity	
4-07-036-18	- m-Xylene: Working Loss	0.0	0.0	0.0	0.0	0.23	0.0	---	1000 Gallons Throughput	
4-07-036-19	- o-Xylene: Breathing Loss	0.0	0.0	0.0	0.0	1.5	0.0	---	1000 Gallons Storage Capacity	
4-07-036-20	- o-Xylene: Working Loss	0.0	0.0	0.0	0.0	0.18	0.0	---	1000 Gallons Throughput	
4-07-036-21	- p-Xylene: Breathing Loss	0.0	0.0	0.0	0.0	1.8	0.0	---	1000 Gallons Storage Capacity	
4-07-036-22	- p-Xylene: Working Loss	0.0	0.0	0.0	0.0	0.24	0.0	---	1000 Gallons Throughput	
4-07-036-23	- Xylenes, Mixed: Breathing Loss	0.0	0.0	0.0	0.0	0.02	0.0	---	1000 Gallons Storage Capacity	
4-07-036-24	- Xylenes, Mixed: Working Loss	0.0	0.0	0.0	0.0	1.4	0.0	---	1000 Gallons Throughput	
4-07-036-97	- Specify Aromatic: Breathing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-036-98	- Specify Aromatic: Working Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Carboxylic Acids - 2800, 2900, 3000, 5100										
4-07-040-01	Acetic Acid: Breathing Loss	0.0	0.0	0.0	0.0	1.5	0.0	---	1000 Gallons Storage Capacity	
4-07-040-02	Acetic Acid: Working Loss	0.0	0.0	0.0	0.0	0.24	0.0	---	1000 Gallons Throughput	
4-07-040-03	Acrylic Acid: Breathing Loss	0.0	0.0	0.0	0.0	0.73	0.0	---	1000 Gallons Storage Capacity	
4-07-040-04	Acrylic Acid: Working Loss	0.0	0.0	0.0	0.0	0.64	0.0	---	1000 Gallons Throughput	
4-07-040-05	Adipic Acid (Soln): Breathing Loss	0.0	0.0	0.0	0.0	0.0003	0.0	---	1000 Gallons Storage Capacity	
4-07-040-06	Adipic Acid (Soln): Working Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Throughput	
4-07-040-07	Formic Acid: Breathing Loss	0.0	0.0	0.0	0.0	2.6	0.0	---	1000 Gallons Storage Capacity	
4-07-040-08	Formic Acid: Working Loss	0.0	0.0	0.0	0.0	0.57	0.0	---	1000 Gallons Throughput	
4-07-040-09	Propionic Acid: Breathing Loss	0.0	0.0	0.0	0.0	0.73	0.0	---	1000 Gallons Storage Capacity	
4-07-040-10	Propionic Acid: Working Loss	0.0	0.0	0.0	0.0	0.06	0.0	---	1000 Gallons Throughput	
4-07-040-97	Specify Acid: Breathing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-040-98	Specify Acid: Working Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
Esters - 2800, 2900, 3000, 5100										
4-07-044-01	Butyl Acetate: Breathing Loss	0.0	0.0	0.0	0.0	2.2	0.0	---	1000 Gallons Storage Capacity	
4-07-044-02	Butyl Acetate: Working Loss	0.0	0.0	0.0	0.0	0.34	0.0	---	1000 Gallons Throughput	
4-07-044-03	Butyl Acrylate: Breathing Loss	0.0	0.0	0.0	0.0	1.57	0.0	---	1000 Gallons Storage Capacity	
4-07-044-04	Butyl Acrylate: Working Loss	0.0	0.0	0.0	0.0	0.2	0.0	---	1000 Gallons Throughput	
4-07-044-05	Ethyl Acetate:	0.0	0.0	0.0	0.0	8.4	0.0	---	1000 Gallons Storage	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Esters - 2800, 2900, 3000, 5100										
	Breathing Loss									
4-07-044-06 -	Ethyl Acetate:	0.0	0.0	0.0	0.0	2.3	0.0	---	Capacity	
	Working Loss								1000 Gallons	
4-07-044-07 -	Ethyl Acrylate:	0.0	0.0	0.0	0.0	5.1	0.0	---	Throughput	
	Breathing Loss								1000 Gallons Storage	
4-07-044-08 -	Ethyl Acrylate:	0.0	0.0	0.0	0.0	1.1	0.0	---	Capacity	
	Working Loss								1000 Gallons	
4-07-044-09 -	Isobutyl Acrylate:	0.0	0.0	0.0	0.0	0.31	0.0	---	Throughput	
	Breathing Loss								1000 Gallons Storage	
4-07-044-10 -	Isobutyl Acrylate:	0.0	0.0	0.0	0.0	0.006	0.0	---	Capacity	
	Working Loss								1000 Gallons	
4-07-044-11 -	Isopropyl Acetate:	0.0	0.0	0.0	0.0	7.3	0.0	---	Throughput	
	Breathing Loss								1000 Gallons Storage	
4-07-044-12 -	Isopropyl Acetate:	0.0	0.0	0.0	0.0	1.8	0.0	---	Capacity	
	Working Loss								1000 Gallons	
4-07-044-13 -	Methyl Acetate:	0.0	0.0	0.0	0.0	14.2	0.0	---	Throughput	
	Breathing Loss								1000 Gallons Storage	
4-07-044-14 -	Methyl Acetate:	0.0	0.0	0.0	0.0	4.8	0.0	---	Capacity	
	Working Loss								1000 Gallons	
4-07-044-15 -	Methyl Acrylate:	0.0	0.0	0.0	0.0	8.0	0.0	---	Throughput	
	Breathing Loss								1000 Gallons Storage	
4-07-044-16 -	Methyl Acrylate:	0.0	0.0	0.0	0.0	2.2	0.0	---	Capacity	
	Working Loss								1000 Gallons	
4-07-044-17 -	Methyl Methacrylate:	0.0	0.0	0.0	0.0	3.6	0.0	---	Throughput	
	Breathing Loss								1000 Gallons Storage	
4-07-044-18 -	Methyl Methacrylate:	0.0	0.0	0.0	0.0	0.7	0.0	---	Capacity	
	Working Loss								1000 Gallons	
4-07-044-19 -	Vinyl Acetate:	0.0	0.0	0.0	0.0	9.1	0.0	---	Throughput	
	Breathing Loss								1000 Gallons Storage	
4-07-044-20 -	Vinyl Acetate:	0.0	0.0	0.0	0.0	2.7	0.0	---	Capacity	
	Working Loss								1000 Gallons	
4-07-044-21 -	n-Propyl Acetate:	---	---	---	---	0.01	---	---	Throughput	
	Breathing Loss								1000 Gallons Storage	
4-07-044-22 -	n-Propyl Acetate:	---	---	---	---	1.1	---	---	Capacity	
	Working Loss								1000 Gallons	
4-07-044-23 -	i-Butyl-i-Butyrate:	---	---	---	---	0.006	---	---	Throughput	
									1000 Gallons Storage	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Esters - 2800, 2900, 3000, 5100										
4-07-044-24	Breathing Loss i-Butyl-i-Butyrate: Working Loss	---	---	---	---	0.27	---	---	Capacity 1000 Gallons Throughput	
4-07-044-97	Specify Ester: Breathing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-044-98	Specify Ester: Working Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
Ethers - 2800, 2900, 3000, 5100										
4-07-048-01	Methyl-tert-Butyl Ether: Breathing Loss	0.0	0.0	0.0	0.0	0.07	0.0	---	1000 Gallons Storage Capacity	
4-07-048-02	Methyl-tert-Butyl Ether: Working Loss	0.0	0.0	0.0	0.0	9.2	0.0	---	1000 Gallons Throughput	
4-07-048-97	Specify Ether: Breathing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-048-98	Specify Ether: Working Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
Glycol Ethers - 2800, 2900, 3000, 5100										
4-07-052-01	Butyl Carbitol: Breathing Loss	0.0	0.0	0.0	0.0	0.001	0.0	---	1000 Gallons Storage Capacity	
4-07-052-02	Butyl Carbitol: Working Loss	0.0	0.0	0.0	0.0	0.01	0.0	---	1000 Gallons Throughput	
4-07-052-03	Butyl Cellosolve: Breathing Loss	0.0	0.0	0.0	0.0	0.001	0.0	---	1000 Gallons Storage Capacity	
4-07-052-04	Butyl Cellosolve: Working Loss	0.0	0.0	0.0	0.0	0.03	0.0	---	1000 Gallons Throughput	
4-07-052-05	Carbitol: Breathing Loss	0.0	0.0	0.0	0.0	0.0005	0.0	---	1000 Gallons Storage Capacity	
4-07-052-06	Carbitol: Working Loss	0.0	0.0	0.0	0.0	0.006	0.0	---	1000 Gallons Throughput	
4-07-052-07	Cellosolve: Breathing Loss	0.0	0.0	0.0	0.0	0.004	0.0	---	1000 Gallons Storage Capacity	
4-07-052-08	Cellosolve: Working Loss	0.0	0.0	0.0	0.0	0.16	0.0	---	1000 Gallons Throughput	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Glycol Ethers - 2800, 2900, 3000, 5100										
4-07-052-09	Diethylene Glycol: Breathing Loss	0.0	0.0	0.0	0.0	0.003	0.0	---	1000 Gallons Storage Capacity	
4-07-052-10	Diethylene Glycol: Working Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Throughput	
4-07-052-11	Methyl Carbitol: Breathing Loss	0.0	0.0	0.0	0.0	0.0004	0.0	---	1000 Gallons Storage Capacity	
4-07-052-12	Methyl Carbitol: Working Loss	0.0	0.0	0.0	0.0	0.006	0.0	---	1000 Gallons Throughput	
4-07-052-13	Methyl Cellosolve: Breathing Loss	0.0	0.0	0.0	0.0	0.004	0.0	---	1000 Gallons Storage Capacity	
4-07-052-14	Methyl Cellosolve: Working Loss	0.0	0.0	0.0	0.0	0.22	0.0	---	1000 Gallons Throughput	
4-07-052-15	Polyethylene Glycol: Breathing Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Storage Capacity	
4-07-052-16	Polyethylene Glycol: Working Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Throughput	
4-07-052-17	Triethylene Glycol: Breathing Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Storage Capacity	
4-07-052-18	Triethylene Glycol: Working Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Throughput	
4-07-052-97	Specify Glycol Ether: Breathing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-052-98	Specify Glycol Ether: Working Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
Glycols - 2800, 2900, 3000, 5100										
4-07-056-01	1,4-Butanediol: Breathing Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Storage Capacity	
4-07-056-02	1,4-Butanediol: Working Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Throughput	
4-07-056-03	Ethylene Glycol: Breathing Loss	0.0	0.0	0.0	0.0	0.036	0.0	---	1000 Gallons Storage Capacity	
4-07-056-04	Ethylene Glycol: Working Loss	0.0	0.0	0.0	0.0	0.02	0.0	---	1000 Gallons Throughput	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Glycols - 2800, 2900, 3000, 5100										
4-07-056-05	Dipropylene Glycol: Breathing Loss	0.0	0.0	0.0	0.0	0.0002	0.0	---	1000 Gallons Storage Capacity	
4-07-056-06	Dipropylene Glycol: Working Loss	0.0	0.0	0.0	0.0	0.013	0.0	---	1000 Gallons Throughput	
4-07-056-07	Glycerol: Breathing Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Storage Capacity	
4-07-056-08	Glycerol: Working Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Throughput	
4-07-056-09	Propylene Glycol: Breathing Loss	0.0	0.0	0.0	0.0	0.007	0.0	---	1000 Gallons Storage Capacity	
4-07-056-10	Propylene Glycol: Working Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Throughput	
4-07-056-97	Specify Glycol: Breathing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-056-98	Specify Glycol: Working Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
Halogenated Organics - 2800, 2900, 3000, 5100										
4-07-060-01	Benzyl Chloride: Breathing Loss	0.0	0.0	0.0	0.0	0.05	0.0	---	1000 Gallons Storage Capacity	
4-07-060-02	Benzyl Chloride: Working Loss	0.0	0.0	0.0	0.0	0.002	0.0	---	1000 Gallons Throughput	
4-07-060-03	Caprolactum (Soln): Breathing Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Storage Capacity	
4-07-060-04	Caprolactum (Soln): Working Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Throughput	
4-07-060-05	Carbon Tetrachloride: Breathing Loss	0.0	0.0	0.0	0.0	17.9	0.0	---	1000 Gallons Storage Capacity	
4-07-060-06	Carbon Tetrachloride: Working Loss	0.0	0.0	0.0	0.0	5.2	0.0	---	1000 Gallons Throughput	
4-07-060-07	Chlorobenzene: Breathing Loss	0.0	0.0	0.0	0.0	2.5	0.0	---	1000 Gallons Storage Capacity	
4-07-060-08	Chlorobenzene:	0.0	0.0	0.0	0.0	0.36	0.0	---	1000 Gallons	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Halogenated Organics - 2800, 2900, 3000, 5100										
4-07-060-09	Working Loss o-Dichlorobenzene: Breathing Loss	0.0	0.0	0.0	0.0	0.73	0.0	---	Throughput 1000 Gallons Storage Capacity	
4-07-060-10	o-Dichlorobenzene: Working Loss	0.0	0.0	0.0	0.0	0.05	0.0	---	1000 Gallons	
4-07-060-11	p-Dichlorobenzene: Breathing Loss	0.0	0.0	0.0	0.0	0.73	0.0	---	Throughput 1000 Gallons Storage Capacity	
4-07-060-12	p-Dichlorobenzene: Working Loss	0.0	0.0	0.0	0.0	0.06	0.0	---	1000 Gallons	
4-07-060-13	Epichlorohydrin: Breathing Loss	0.0	0.0	0.0	0.0	2.5	0.0	---	Throughput 1000 Gallons Storage Capacity	
4-07-060-14	Epichlorohydrin: Working Loss	0.0	0.0	0.0	0.0	0.4	0.0	---	1000 Gallons	
4-07-060-15	Ethylene Dibromide: Breathing Loss	0.0	0.0	0.0	0.0	4.75	0.0	---	Throughput 1000 Gallons Storage Capacity	
4-07-060-16	Ethylene Dibromide: Working Loss	0.0	0.0	0.0	0.0	0.77	0.0	---	1000 Gallons	
4-07-060-17	Ethylene Dichloride: Breathing Loss	0.0	0.0	0.0	0.0	8.8	0.0	---	Throughput 1000 Gallons Storage Capacity	
4-07-060-18	Ethylene Dichloride: Working Loss	0.0	0.0	0.0	0.0	2.3	0.0	---	1000 Gallons	
4-07-060-19	Methylene Chloride: Breathing Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	Throughput 1000 Gallons Storage Capacity	
4-07-060-20	Methylene Chloride: Working Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons	
4-07-060-21	Perchloroethylene: Breathing Loss	0.0	0.0	0.0	0.0	5.1	0.0	---	Throughput 1000 Gallons Storage Capacity	
4-07-060-22	Perchloroethylene: Working Loss	0.0	0.0	0.0	0.0	0.84	0.0	---	1000 Gallons	
4-07-060-23	Trichloroethylene: Breathing Loss	0.0	0.0	0.0	0.0	4.4	0.0	---	Throughput 1000 Gallons Storage Capacity	
4-07-060-24	Trichloroethylene: Working Loss	0.0	0.0	0.0	0.0	2.8	0.0	---	1000 Gallons	
4-07-060-97	Specify Halogenated Organic: Breathing Loss	0.0	0.0	0.0	0.0	---	0.0	---	Throughput 1000 Gallons Storage Capacity	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Halogenated Organics - 2800, 2900, 3000, 5100										
4-07-060-98	Specify Halogenated Organic: Working Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
Isocyanates - 2800, 2900, 3000, 5100										
4-07-064-01	MDI: Breathing Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Storage Capacity	
4-07-064-02	MDI: Working Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Throughput	
4-07-064-03	TDI: Breathing Loss	0.0	0.0	0.0	0.0	0.036	0.0	---	1000 Gallons Storage Capacity	
4-07-064-04	TDI: Working Loss	0.0	0.0	0.0	0.0	0.0008	0.0	---	1000 Gallons Throughput	
4-07-064-97	Specify Isocyanate: Breathing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-064-98	Specify Isocyanate: Working Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
Ketones - 2800, 2900, 3000, 5100										
4-07-068-01	Cyclohexanone: Breathing Loss	0.0	0.0	0.0	0.0	1.8	0.0	---	1000 Gallons Storage Capacity	
4-07-068-02	Cyclohexanone: Working Loss	0.0	0.0	0.0	0.0	0.2	0.0	---	1000 Gallons Throughput	
4-07-068-13	Methylamyl Ketone: Breathing Loss	---	---	---	---	0.0005	---	---	1000 Gallons Storage Capacity	
4-07-068-14	Methylamyl Ketone: Working Loss	---	---	---	---	0.008	---	---	1000 Gallons Throughput	
4-07-068-97	Specify Ketone: Breathing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-068-98	Specify Ketone: Working Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
Nitriles - 2800, 2900, 3000, 5100										
4-07-076-01	Acrylonitrile: Breathing Loss	0.0	0.0	0.0	0.0	6.2	0.0	---	1000 Gallons Storage Capacity	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Nitriles - 2800, 2900, 3000, 5100										
4-07-076-02	Acrylonitrile: Working Loss	0.0	0.0	0.0	0.0	1.8	0.0	---	1000 Gallons Throughput	
4-07-076-97	Specify Nitrile: Breathing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-076-98	Specify Nitrile: Working Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
Nitro Compounds - 2800, 2900, 3000, 5100										
4-07-080-01	Nitrobenzene: Breathing Loss	0.0	0.0	0.0	0.0	0.36	0.0	---	1000 Gallons Storage Capacity	
4-07-080-02	Nitrobenzene: Working Loss	0.0	0.0	0.0	0.0	0.026	0.0	---	1000 Gallons Throughput	
4-07-080-97	Specify in Comments: Breathing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-080-98	Specify in Comments: Working Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
Phenols - 2800, 2900, 3000, 5100										
4-07-084-01	Nonyphenol: Breathing Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Storage Capacity	
4-07-084-02	Nonyphenol: Working Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Throughput	
4-07-084-03	Phenol: Breathing Loss	0.0	0.0	0.0	0.0	0.15	0.0	---	1000 Gallons Storage Capacity	
4-07-084-04	Phenol: Working Loss	0.0	0.0	0.0	0.0	0.006	0.0	---	1000 Gallons Throughput	
4-07-084-97	Specify Phenol: Breathing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-084-98	Specify Phenol: Working Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
Aldehydes - 2800, 2900, 3000, 5100										
4-07-172-05	n-Butaldehyde: Standing Loss	0.0	0.0	0.0	0.0	1.5	0.0	---	1000 Gallons Storage Capacity	
4-07-172-06	n-Butaldehyde:	0.0	0.0	0.0	0.0	0.002	0.0	---	1000 Gallons	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Aldehydes - 2800, 2900, 3000, 5100										
4-07-172-07 -	Withdrawal Loss Formalin: Standing Loss	0.0	0.0	0.0	0.0	0.0004	0.0	---	Throughput 1000 Gallons Storage Capacity 1000 Gallons	
4-07-172-08 -	Formalin: Withdrawal Loss	0.0	0.0	0.0	0.0	0.002	0.0	---	Throughput 1000 Gallons Storage Capacity 1000 Gallons	
4-07-172-09 -	Isobutyraldehyde: Standing Loss	0.0	0.0	0.0	0.0	2.2	0.0	---	Throughput 1000 Gallons Storage Capacity 1000 Gallons	
4-07-172-10 -	Isobutyraldehyde: Withdrawal Loss	0.0	0.0	0.0	0.0	0.002	0.0	---	Throughput 1000 Gallons Storage Capacity 1000 Gallons	
4-07-172-11 -	Propionaldehyde: Standing Loss	0.0	0.0	0.0	0.0	3.3	0.0	---	Throughput 1000 Gallons Storage Capacity 1000 Gallons	
4-07-172-12 -	Propionaldehyde: Withdrawal Loss	0.0	0.0	0.0	0.0	0.002	0.0	---	Throughput 1000 Gallons Storage Capacity 1000 Gallons	
4-07-172-97 -	Specify Aldehyde: Standing Loss	0.0	0.0	0.0	0.0	---	0.0	---	Throughput 1000 Gallons Storage Capacity 1000 Gallons	
4-07-172-98 -	Specify Aldehyde: Withdrawal Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	Throughput	
Alkanes (Paraffins) - 2800, 2900, 3000, 5100										
4-07-176-01 -	Cyclohexane: Standing Loss	0.0	0.0	0.0	0.0	1.35	0.0	---	1000 Gallons Storage Capacity 1000 Gallons Throughput	
4-07-176-02 -	Cyclohexane: Withdrawal Loss	0.0	0.0	0.0	0.0	0.002	0.0	---	1000 Gallons Storage Capacity 1000 Gallons Throughput	
4-07-176-03 -	n-Hexane: Standing Loss	0.0	0.0	0.0	0.0	2.2	0.0	---	1000 Gallons Storage Capacity 1000 Gallons Throughput	
4-07-176-04 -	n-Hexane: Withdrawal Loss	0.0	0.0	0.0	0.0	0.002	0.0	---	1000 Gallons Storage Capacity 1000 Gallons Throughput	
4-07-176-05 -	n-Pentane: Standing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity 1000 Gallons Throughput	
4-07-176-06 -	n-Pentane: Withdrawal Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity 1000 Gallons Throughput	
4-07-176-97 -	Specify Alkane: Standing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity 1000 Gallons Throughput	
4-07-176-98 -	Specify Alkane: Withdrawal Loss	0.0	0.0	0.0	0.0	---	0.0	---		

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Alkenes (Olefins) - 2800, 2900, 3000, 5100										
4-07-180-01	Isoprene: Standing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-180-02	Isoprene: Withdrawal Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
4-07-180-03	Methylallene: Standing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-180-04	Methylallene: Withdrawal Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
4-07-180-05	1-Pentene: Standing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-180-06	1-Pentene: Withdrawal Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
4-07-180-07	Piperylene: Standing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-180-08	Piperylene: Withdrawal Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
4-07-180-09	Cyclopentene: Standing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-180-10	Cyclopentene: Withdrawal Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
4-07-180-97	Specify Olefin: Standing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-180-98	Specify Olefin: Withdrawal Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
Ethers - 2800, 2900, 3000, 5100										
4-07-208-01	Ethyl Ether: Standing Loss	0.0	0.0	0.0	0.0	7.2	0.0	---	1000 Gallons Storage Capacity	
4-07-208-02	Ethyl Ether: Withdrawal Loss	0.0	0.0	0.0	0.0	0.002	0.0	---	1000 Gallons Throughput	
4-07-208-03	Propylene Oxide: Standing Loss	0.0	0.0	0.0	0.0	5.5	0.0	---	1000 Gallons Storage Capacity	
4-07-208-04	Propylene Oxide: Withdrawal Loss	0.0	0.0	0.0	0.0	0.002	0.0	---	1000 Gallons Throughput	
4-07-208-97	Specify Ether:	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Ethers - 2800, 2900, 3000, 5100										
4-07-208-98 -	Standing Loss Specify Ether: Withdrawal Loss	0.0	0.0	0.0	0.0	---	0.0	---	Capacity 1000 Gallons Throughput	
Halogenated Organics - 2800, 2900, 3000, 5100										
4-07-220-01 -	Carbon Tetrachloride: Standing Loss	0.0	0.0	0.0	0.0	2.9	0.0	---	1000 Gallons Storage Capacity	
4-07-220-02 -	Carbon Tetrachloride: Withdrawal Loss	0.0	0.0	0.0	0.0	0.004	0.0	---	1000 Gallons Throughput	
4-07-220-03 -	Chloroform: Standing Loss	0.0	0.0	0.0	0.0	4.0	0.0	---	1000 Gallons Storage Capacity	
4-07-220-04 -	Chloroform: Withdrawal Loss	0.0	0.0	0.0	0.0	0.004	0.0	---	1000 Gallons Throughput	
4-07-220-05 -	Ethylene Dichloride: Standing Loss	0.0	0.0	0.0	0.0	1.3	0.0	---	1000 Gallons Storage Capacity	
4-07-220-06 -	Ethylene Dichloride: Withdrawal Loss	0.0	0.0	0.0	0.0	0.003	0.0	---	1000 Gallons Throughput	
4-07-220-07 -	Methylene Chloride: Standing Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Storage Capacity	
4-07-220-08 -	Methylene Chloride: Withdrawal Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Throughput	
4-07-220-09 -	1,1,1-Trichlorethylene: Standing Loss	0.0	0.0	0.0	0.0	1.5	0.0	---	1000 Gallons Storage Capacity	
4-07-220-10 -	1,1,1-Trichlorethylene: Withdrawal Loss	0.0	0.0	0.0	0.0	0.004	0.0	---	1000 Gallons Throughput	
4-07-220-97 -	Specify Halogenated VOC: Standing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-220-98 -	Specify Halogenated VOC: Withdrawal Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
Ketones - 2800, 2900, 3000, 5100										
4-07-228-01 -	Acetone: Standing	0.0	0.0	0.0	0.0	2.2	0.0	---	1000 Gallons Storage	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Ketones - 2800, 2900, 3000, 5100										
4-07-228-02	Acetone: Withdrawal Loss	0.0	0.0	0.0	0.0	0.002	0.0	---	1000 Gallons Throughput	
4-07-228-03	Methyl Ethyl Ketone: Standing Loss	0.0	0.0	0.0	0.0	1.1	0.0	---	1000 Gallons Storage Capacity	
4-07-228-04	Methyl Ethyl Ketone: Withdrawal Loss	0.0	0.0	0.0	0.0	0.002	0.0	---	1000 Gallons Throughput	
4-07-228-05	Methyl Isobutyl Ketone: Standing Loss	0.0	0.0	0.0	0.0	0.29	0.0	---	1000 Gallons Storage Capacity	
4-07-228-06	Methyl Isobutyl Ketone: Withdrawal Loss	0.0	0.0	0.0	0.0	0.002	0.0	---	1000 Gallons Throughput	
4-07-228-97	Specify Ketone: Standing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-228-98	Specify Ketone: Withdrawal Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
Mercaptans (Thiols) - 2800, 2900, 3000, 5100										
4-07-232-01	Ethyl Mercaptan: Standing Loss	0.0	0.0	0.0	0.0	5.8	0.0	---	1000 Gallons Storage Capacity	
4-07-232-02	Ethyl Mercaptan: Withdrawal Loss	0.0	0.0	0.0	0.0	0.002	0.0	---	1000 Gallons Throughput	
4-07-232-97	Specify Mercaptan: Standing Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Storage Capacity	
4-07-232-98	Specify Mercaptan: Withdrawal Loss	0.0	0.0	0.0	0.0	---	0.0	---	1000 Gallons Throughput	
Aldehydes - 2800, 2900, 3000, 5100										
4-07-812-01	Acetaldehyde: Withdrawal Loss	0.0	0.0	0.0	0.0	16.1	0.0	---	1000 Gallons Throughput	
4-07-812-02	Acrolein: Withdrawal Loss	0.0	0.0	0.0	0.0	6.0	0.0	---	1000 Gallons Throughput	
Alkanes (Paraffins) - 2800, 2900, 3000, 5100										
4-07-816-01	Ethane: Withdrawal	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Alkanes (Paraffins) - 2800, 2900, 3000, 5100										
	Loss									
4-07-816-02 -	Butane: Withdrawal Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	Throughput 1000 Gallons	
4-07-816-03 -	Methane: Withdrawal Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	Throughput 1000 Gallons	
4-07-816-04 -	Natural Gas: Withdrawal Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	Throughput 1000 Gallons	
4-07-816-05 -	Propane: Withdrawal Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	Throughput 1000 Gallons	
4-07-816-06 -	Isopentane: Withdrawal Loss	0.0	0.0	0.0	0.0	---	0.0	---	Throughput 1000 Gallons	
4-07-816-07 -	n-Pentane: Withdrawal Loss	0.0	0.0	0.0	0.0	---	0.0	---	Throughput 1000 Gallons	
4-07-816-99 -	Specify Gas: Withdrawal Loss	0.0	0.0	0.0	0.0	0.0	0.0	XXX	Throughput 1000 Gallons	
Alkenes (Olefins) - 2800, 2900, 3000, 5100									Throughput	
4-07-820-01 -	1,3-Butadiene: Withdrawal Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons	
4-07-820-02 -	1-Butene: Withdrawal Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	Throughput 1000 Gallons	
4-07-820-03 -	2-Butene: Withdrawal Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	Throughput 1000 Gallons	
4-07-820-04 -	Ethylene: Withdrawal Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	Throughput 1000 Gallons	
4-07-820-05 -	Isobutylene: Withdrawal Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	Throughput 1000 Gallons	
4-07-820-06 -	Propylene: Withdrawal Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	Throughput 1000 Gallons	
4-07-820-07 -	Isoprene: Withdrawal Loss	0.0	0.0	0.0	0.0	12.8	0.0	---	Throughput 1000 Gallons	
4-07-820-08 -	Methylallene: Withdrawal Loss	0.0	0.0	0.0	0.0	27.9	0.0	---	Throughput 1000 Gallons	
4-07-820-09 -	1-Pentene: Withdrawal Loss	0.0	0.0	0.0	0.0	18.1	0.0	---	Throughput 1000 Gallons	
4-07-820-10 -	Piperylene:	0.0	0.0	0.0	0.0	9.3	0.0	---	Throughput 1000 Gallons	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Alkenes (Olefins) - 2800, 2900, 3000, 5100										
	Withdrawal Loss								Throughput	
4-07-820-11	Cyclopentene:	0.0	0.0	0.0	0.0	10.4	0.0	---	1000 Gallons	
	Withdrawal Loss								Throughput	
4-07-820-99	Specify Alkene:	0.0	0.0	0.0	0.0	XXX	0.0	XXX	1000 Gallons	
	Withdrawal Loss								Throughput	
Alkynes (Acetylenes) - 2800, 2900, 3000, 5100										
4-07-824-01	Acetylene:	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons	
	Withdrawal Loss								Throughput	
4-07-824-99	Specify Alkyne:	0.0	0.0	0.0	0.0	0.0	0.0	XXX	1000 Gallons	
	Withdrawal Loss								Throughput	
Amines - 2800, 2900, 3000, 5100										
4-07-832-01	Methylamine:	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons	
	Withdrawal Loss								Throughput	
4-07-832-02	Dimethylamine:	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons	
	Withdrawal Loss								Throughput	
4-07-832-03	Trimethyamine:	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons	
	Withdrawal Loss								Throughput	
4-07-832-99	Specify Amine:	0.0	0.0	0.0	0.0	0.0	0.0	XXX	1000 Gallons	
	Withdrawal Loss								Throughput	
Ethers - 2800, 2900, 3000, 5100										
4-07-848-01	Ethylene Oxide:	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons	
	Withdrawal Loss								Throughput	
4-07-848-99	Specify Ether:	0.0	0.0	0.0	0.0	XXX	0.0	XXX	1000 Gallons	
	Withdrawal Loss								Throughput	
Halogenated Organics - 2800, 2900, 3000, 5100										
4-07-860-01	Ethyl Chloride:	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons	
	Withdrawal Loss								Throughput	
4-07-860-02	Methyl Chloride:	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons	
	Withdrawal Loss								Throughput	
4-07-860-03	Phosgene: Withdrawal Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons	
									Throughput	
4-07-860-04	Vinyl Chloride:	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Halogenated Organics - 2800, 2900, 3000, 5100										
	Withdrawal Loss								Throughput	
4-07-860-99 -	Specify Halogenated VOC: Withdrawal Loss	0.0	0.0	0.0	0.0	XXX	0.0	XXX	1000 Gallons Throughput	
Isocyanates - 2800, 2900, 3000, 5100										
4-07-864-01 -	Methyl Isocyanate: Withdrawal Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Throughput	
4-07-864-99 -	Specify Isocyanate: Withdrawal Loss	0.0	0.0	0.0	0.0	XXX	0.0	XXX	1000 Gallons Throughput	
Mercaptans (Thiols) - 2800, 2900, 3000, 5100										
4-07-872-01 -	Methyl Mercaptan: Withdrawal Loss	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Throughput	
4-07-872-99 -	Specify Mercaptan: Withdrawal Loss	0.0	0.0	0.0	0.0	XXX	0.0	XXX	1000 Gallons Throughput	
Miscellaneous - 2800, 2900, 3000, 5100										
4-07-999-97 -	Specify in Comments	---	---	---	---	---	---	---	1000 Gallons Storage Capacity	
4-07-999-98 -	Specify in Comments	---	---	---	---	---	---	---	1000 Gallons Transferred	
ORGANIC CHEMICAL TRANSPORTATION - MAJOR GROUPS 28, 29, 30, & 51										
Specify Liquid - 2800, 2900, 3000, 5100										
4-08-999-95 -	Cars/Trucks: Loading Rack	---	---	---	---	---	---	---	1000 Gallons Transferred	
4-08-999-97 -	Marine Vessels: Loading Rack	---	---	---	---	---	---	---	1000 Gallons Transferred	
4-08-999-99 -	Loading Rack	0.0	XXX	0.0	0.0	XXX	0.0	XXX	1000 Gallons Transferred	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
ORGANIC SOLVENT EVAPORATION - MISCELLANEOUS - MAJOR GROUPS 40, 47, & 76										
Solvent Extraction Processes - 4000, 4700, 7600										
4-90-001-01	Petroleum Naphtha (Stoddard)	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	---	Tons Solvent Consumed	
4-90-001-02	MEK	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	---	Tons Solvent Consumed	
4-90-001-03	MIBK	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	---	Tons Solvent Consumed	
4-90-001-04	Furfural	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	---	Tons Solvent Consumed	
4-90-001-05	Trichloroethylene	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	---	Tons Solvent Consumed	
4-90-001-99	Other Not Classified	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	XXX	Tons Solvent Consumed	
Waste Solvent Recovery Operations - 4000, 4700, 7600										
4-90-002-01	Storage Tank Vent	0.0	0.0	0.0	0.0	0.02	0.0	---	Tons Reclaimed Solvent	
4-90-002-02	Condenser Vent	0.0	0.0	0.0	0.0	3.3	0.0	---	Tons Reclaimed Solvent	
4-90-002-03	Incinerator Stack	1.44	---	---	---	0.02	---	---	Tons Reclaimed Solvent	
4-90-002-04	Solvent Spillage	0.0	0.0	0.0	0.0	0.2	0.0	---	Tons Reclaimed Solvent	
4-90-002-05	Solvent Loading	0.0	0.0	0.0	0.0	0.72	0.0	---	Tons Reclaimed Solvent	
4-90-002-06	Fugitive Leaks	0.0	0.0	0.0	0.0	---	0.0	---	Process-Unit/Year	
4-90-002-99	Other Not Classified	0.0	0.0	0.0	0.0	XXX	0.0	XXX	Tons Reclaimed Solvent	
Rail Car Cleaning - 4742, 4011, 4013										
4-90-003-01	Ethylene Glycol	0.0	0.0	0.0	0.0	0.0007	0.0	---	Tank Cars Cleaned	
4-90-003-02	Chlorobenzene	0.0	0.0	0.0	0.0	0.035	0.0	---	Tank Cars Cleaned	
4-90-003-03	o-Dichlorobenzene	0.0	0.0	0.0	0.0	0.166	0.0	---	Tank Cars Cleaned	
4-90-003-04	Cresote	0.0	0.0	0.0	0.0	5.18	0.0	---	Tank Cars Cleaned	
4-90-003-99	Other Not Classified	0.0	0.0	0.0	0.0	XXX	0.0	XXX	Tank Cars Cleaned	
Tank Truck Cleaning - 4000, 4700, 7600										
4-90-004-01	Acetone	0.0	0.0	0.0	0.0	0.68	0.0	---	Tank Trucks Cleaned	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Tank Truck Cleaning - 4000, 4700, 7600										
4-90-004-02	Perchloroethylene	0.0	0.0	0.0	0.0	0.47	0.0	---	Tank Trucks Cleaned	
4-90-004-03	Methyl Methacrylate	0.0	0.0	0.0	0.0	0.07	0.0	---	Tank Trucks Cleaned	
4-90-004-04	Phenol	0.0	0.0	0.0	0.0	0.012	0.0	---	Tank Trucks Cleaned	
4-90-004-05	Propylene Glycol	0.0	0.0	0.0	0.0	0.0	0.0	---	Tank Trucks Cleaned	
4-90-004-99	Other Not Classified	0.0	0.0	0.0	0.0	XXX	0.0	XXX	Tank Trucks Cleaned	
Air Stripping Tower - 4000, 4700, 7600										
4-90-005-01	Trichloroethylene	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent Stripped	
4-90-005-02	Perchloroethylene	0.0	0.0	0.0	0.0	2000.0	0.0	---	Tons Solvent Stripped	
4-90-005-03	1,1,1-Trichloroethane	0.0	0.0	0.0	0.0	---	0.0	---	Tons Solvent Stripped	
4-90-005-04	Chloroform	0.0	0.0	0.0	0.0	---	0.0	---	Tons Solvent Stripped	
4-90-005-99	Specify Solvent in Comments	XXX	XXX	XXX	XXX	XXX	XXX	XXX	Tons Solvent Stripped	
ORGANIC SOLVENT EVAPORATION - FUEL FIRED EQUIPMENT										
Incinerators - 4000, 4700, 7600										
4-90-900-11	Distillate Oil (No. 2)	---	---	---	---	0.4	---	---	1000 Gallons Burned	
4-90-900-12	Residual Oil	---	---	---	---	0.56	---	---	1000 Gallons Burned	
4-90-900-13	Natural Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
Flares - 4000, 4700, 7600										
4-90-900-21	Distillate Oil (No. 2)	---	---	---	---	---	---	---	1000 Gal. Burned	
4-90-900-22	Residual Oil	---	---	---	---	---	---	---	1000 Gal. Burned	
4-90-900-23	Natural Gas	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
Miscellaneous Volatile Organic Compound Evaporation - 4000, 4700, 7600										
4-90-999-98	Identify the Process and Solvent in	0.0	0.0	0.0	0.0	---	0.0	---	Gallons Solvent Consumed	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Miscellaneous Volatile Organic Compound Evaporation - 4000, 4700, 7600										
	Comments									
4-90-999-99	- Identify the Process and Solvent in Comments	0.0	0.0	0.0	0.0	2000.0 (c)	0.0	XXX	Tons Solvent Consumed	

SOLID WASTE DISPOSAL

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
SOLID WASTE DISPOSAL										
SOLID WASTE DISPOSAL - GOVERNMENT										
Municipal Incineration - 4953										
5-01-001-01	Starved Air: Multiple Chamber	1.9	1.4	1.7	4.4	1.5	3.4	0.12	Tons Burned	
5-01-001-02	Mass Burn: Single Chamber	38.0	14.0	1.7	3.6	0.1	2.2	0.18	Tons Burned	
5-01-001-03	Refuse Derived Fuel	80.0	44.0	1.7	5.0	---	3.6	0.13	Tons Burned	
Open Burning Dump - 4953										
5-01-002-01	General Refuse	16.0	16.0	1.0	6.0	30.0	85.0	---	Tons Burned	
5-01-002-02	Vegetation Only	17.0	38.0	0.0	4.0	19.0	140.0	---	Tons Burned	
Landfill Dump - 4953										
5-01-004-01	Unpave Road Traffic	---	1.0	---	---	---	---	---	Cu. Yd. Waste X Miles From Gate to Dump	
Other Incineration - 4953										
5-01-005-05	Pathological	8.0	5.92	0.0	3.0	10.0	0.0	---	Tons Burned	
5-01-005-06	Sludge	100.0	8.2	1.0	5.0	1.0	0.0	0.025	Tons Dry Sludge Burned	
5-01-005-07	Conical Design (Tee Pee) Municipal Refuse	20.0	11.0	2.0	5.0	20.0	60.0	---	Tons Burned	
5-01-005-08	Conical Design (Tee Pee) Wood Refuse	7.0	3.85	0.1	1.0	11.0	130.0	---	Tons Burned	
5-01-005-10	Trench Burner: Wood	13.0	4.94	0.1	4.0	19.0	---	---	Tons Burned	
5-01-005-11	Trench Burner: Tires	138.0	52.4	---	---	6.0	---	---	Tons Burned	
5-01-005-12	Trench Burner: Refuse	37.0	14.1	2.5	---	13.3	---	---	Tons Burned	
5-01-005-15	Sludge: Multiple Hearth	80.0	8.2	20.0	11.0	1.7	60.0	0.1	Tons Dried Sludge	
5-01-005-16	Sludge: Fluidized Bed	---	0.44	20.0	---	---	---	---	Tons Dried Sludge	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Other Incineration - 4953										
5-01-005-17	Sludge: Electric Infrared	20.0	6.0	20.0	8.6	---	---	---	Tons Dried Sludge	
Fire Fighting - 9224										
5-01-006-01	Structure: Jet Fuel	---	---	---	---	0.4	---	---	1000 Gallons Burned	
5-01-006-02	Structure: Distillate Oil	---	---	---	---	0.4	---	---	1000 Gallons Burned	
5-01-006-03	Structure: Kerosene	---	---	---	---	0.4	---	---	1000 Gallons Burned	
5-01-006-04	Structure: Wood Pallets	---	---	---	---	19.0	---	---	Tons Burned	
Sewage Treatment - 4952										
5-01-007-01	Entire Plant	---	---	---	---	3.0	---	---	Million Gallons Wastewater	
5-01-007-02	Primary Settling Tank	---	---	---	---	1.5	---	---	Million Gallons Wastewater	
5-01-007-03	Secondary Settling Tank	---	---	---	---	1.5	---	---	Million Gallons Wastewater	
5-01-007-04	Aeration Tank	---	---	---	---	0.0	---	---	Million Gallons Wastewater	
Auxillary Fuel/No Emissions - 4953										
5-01-900-05	Distillate Oil	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Burned	
5-01-900-06	Natural Gas	0.0	0.0	0.0	0.0	0.0	0.0	---	Million Cubic Feet Burned	
5-01-900-10	Liquified Petroleum Gas (LPG)	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Burned	
SOLID WASTE DISPOSAL - COMMERCIAL/INSTITUTIONAL										
Incineration: General - 4900										
5-02-001-01	Multiple Chamber	7.0	4.7	2.5	3.0	3.0	10.0	---	Tons Burned	
5-02-001-02	Single Chamber	15.0	5.7	2.5	2.0	15.0	20.0	---	Tons Burned	
5-02-001-03	Controlled Air	1.4	1.04	1.5	10.0	0.0	0.0	---	Tons Burned	
5-02-001-04	Conical Design (Tee	20.0	11.0	2.0	5.0	20.0	60.0	---	Tons Burned	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Incineration: General - 4900										
5-02-001-05	Conical Design (Tee Pee) Municipal Refuse	7.0	3.85	0.1	1.0	11.0	130.0	---	Tons Burned	
Open Burning - 4900										
5-02-002-01	Wood	17.0	17.0	0.0	4.0	19.0	140.0	---	Tons Burned	
5-02-002-02	Refuse	16.0	16.0	1.0	6.0	30.0	85.0	---	Tons Burned	
Apartment Incineration - 4900										
5-02-003-01	Flue Fed	30.0	11.4	0.5	3.0	15.0	20.0	---	Tons Burned	
5-02-003-02	Flue Fed w/ Afterburner and Draft Controls	6.0	4.02	0.5	10.0	3.0	10.0	---	Tons Burned	
Incineration: Special Purpose - 4900										
5-02-005-05	Pathological	8.0	5.92	8.0	3.0	3.0	0.0	---	Tons Burned	
5-02-005-06	Sludge	100.0	8.2	1.0	5.0	1.0	0.0	0.025	Tons Dry Sludge Burned	
Landfill Dump - 4900										
5-02-006-01	Waste Gas Flares	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
5-02-006-02	Municipal: Fugitive Emissions	---	---	---	---	---	---	---	Acres of Landfill	
Asbestos Removal - 4900										
5-02-009-01	General	---	---	---	---	0.0	---	---	Tons of Waste Removed	
Auxillary Fuel/No Emissions - 4900										
5-02-900-05	Distillate Oil	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Burned	
5-02-900-06	Natural Gas	0.0	0.0	0.0	0.0	0.0	0.0	---	Million Cubic Feet Burned	
5-02-900-10	Liquified Petroleum Gas (LPG)	0.0	0.0	0.0	0.0	0.0	0.0	---	1000 Gallons Burned	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
SOLID WASTE DISPOSAL - INDUSTRIAL										
Incineration - 4900										
5-03-001-01	Multiple Chamber	7.0	4.7	2.5	3.0	3.0	10.0	---	Tons Burned	
5-03-001-02	Single Chamber	15.0	5.7	2.5	2.0	15.0	20.0	---	Tons Burned	
5-03-001-03	Controlled Air	1.4	1.04	1.5	10.0	0.0	0.0	---	Tons Burned	
5-03-001-04	Conical Design (Tee Pee) Municipal Refuse	20.0	11.0	2.0	5.0	20.0	60.0	---	Tons Burned	
5-03-001-05	Conical Design (Tee Pee) Wood Refuse	7.0	3.85	0.1	1.0	11.0	130.0	---	Tons Burned	
5-03-001-06	Trench Burner: Wood	13.0	4.94	0.1	4.0	0.0	0.0	---	Tons Burned	
5-03-001-07	Trench Burner: Tires	138.0	52.4	---	---	6.0	---	---	Tons Burned	
5-03-001-08	Auto Body Componets	2.0	1.2	0.0	0.1	0.91	2.5	---	Cars Burned	
5-03-001-09	Trench Burner: Refuse	37.0	14.1	2.5	---	13.3	---	---	Tons Burned	
Open Burning - 4900										
5-03-002-01	Wood/Vegatation / Leaves	17.0	17.0	0.0	4.0	19.0	140.0	---	Tons Burned	
5-03-002-02	Refuse	16.0	16.0	1.0	6.0	30.0	85.0	---	Tons Burned	
5-03-002-03	Auto Body Componets	100.0	60.0	0.0	4.0	32.0	125.0	---	Tons Burned	
5-03-002-04	Coal Refuse Piles	0.9	0.18	1.1	0.1	0.5	2.5	---	Cubic Yards of Pile	
5-03-002-05	Rocket Propellant	---	---	---	---	---	---	---	Tons of Fuel Burned	
Incineration - 4900										
5-03-005-01	Hazardous Waste	0.3	---	0.13	0.14	0.3	0.5	---	Million Btu/Year Heat Input	
5-03-005-06	Sludge	100.0	8.2	1.0	5.0	1.0	0.0	---	Tons Dry Sludge Burned	
Landfill Dump - 4900										
5-03-006-01	Waste Gas Flares	---	---	---	---	5.6	---	---	Million Cubic Feet Burned	
5-03-006-02	Liquid Waste Disposal	---	---	---	---	---	---	---	Tons Liquid Waste Burned	

SCC	Process Name	PART Lbs/Unit	PM10 Lbs/Unit	SOx Lbs/Unit	NOx Lbs/Unit	VOC Lbs/Unit	CO Lbs/Unit	LEAD Lbs/Unit	UNITS	NOTES
Landfill Dump - 4900										
5-03-006-03	Hazardous: Fugitive Emissions	---	---	---	---	---	---	---	Acres of Landfill	
Liquid Waste - 4900										
5-03-007-01	General	---	---	---	---	4.0	---	---	1000 Gallons Waste Burned	
Treatment, Storage, Disposal Facilities - 4900										
5-03-008-01	Surface Impoundment: Fugitive Emissions	---	---	---	---	---	---	---	1000 Gallons Throughput	
5-03-008-10	Waste Piles: Fugitive Emissions	---	---	---	---	---	---	---	Acres of Storage Pile	
5-03-008-20	Land Treatment: Fugitive Emissions	---	---	---	---	---	---	---	Acres	
5-03-008-30	Containers: Fugitive Emissions	---	---	---	---	---	---	---	1000 Containers Stored	
Asbestos Removal - 4900										
5-03-009-01	General	---	---	---	---	0.0	---	---	Tons Waste Removed	
Auxillary Fuel/No Emissions - 4900										
5-03-900-05	Distillate Oil	0.0	---	0.0	0.0	0.0	0.0	---	1000 Gallons Burned	
5-03-900-06	Natural Gas	0.0	---	0.0	0.0	0.0	0.0	---	Million Cubic Feet Burned	
5-03-900-10	Liquified Petroleum Gas (LPG)	0.0	---	0.0	0.0	0.0	0.0	---	1000 Gallons Burned	

EXPLANATORY NOTES: Individual SIC Groups or SCCs

(*a*) Both boiler capacities and fuel throughputs should be reported to AFS for all boilers. (p. 19, 21, 27)

(*b*) This TSP emission factor is an approximation. Particulate emissions from residual oil combustion can be more accurately estimated from the equation lb/1000 gallon = 10S + 3. See AP-42, page 1.3-2. (p. 20 & 26)

(*c*) The emission factor(s) is not from AP-42. The factor(s) is from other EPA documents, State data, or other miscellaneous sources. (p. 21, 23, 27, 32, 33, 34, 90, 94, 95, 98, 99, 106, 109, 119, 125, 126, 128, 140, 146, 176, 192, 193)

(*d*) Based on a typical concentration of lead in Waste Oil of 0.04%. See AP-42, page 1.11-2. (pp. 21, 25, 27, 28, 168)

(*e*) Manufacture of inorganic pigments is classified under SCC 3-01-035-**. (p. 40)

(*f*) For molded and fabricated rubber and plastics products, see SCC 3-08-***-***, 3-30-002-**, and 4-02-002-**. (p. 41, 43, 44)

(*g*) The particulate emission factor for the sulfuric acid contact process is an assumed average value, from a range of values given in AP-42, Table 5.17-2. (p. 46)

(*h*) Also applies to the sulfur recovery plant at petroleum refineries and natural gas production fields. (p. 51)

(*i*) See 3-01-301-** for other chlorobenzene process codes. (p. 59)

(*j*) Grain processing and milling are included in SCCs 3-02-007-** thru 3-02-008-**. For grain elevators, see SCC 3-02-005-**, 3-02-006-**, and 3-02-031-**. (p. 79)

(*k*) Units refer to amount of grain processed through each operation. If only the total amount of grain received or shipped is known, see AP-42, Table 6.4-2 for typical

ratios of tons processed to tons shipped or received. (p. 79, 80, 81, 87)

(*l*) The particulate emission factor(s) applies to emissions at the inlet to the baghouse or other control device. Indicate the control device and efficiency to estimate properly the actual emissions. (p. 81, 82)

(*m*) Codes 3-03-003-09, -10, and -11 represent individual operations within this SCC (3-03-003-07). (p. 90)

(*n*) Apply for all metallic minerals, except as noted. Low moisture ore is defined as having less than 4 percent moisture content by weight for ore entering the primary crusher. High moisture ore has over 4 percent by weight. (p. 100, 101)

(*o*) Emission factor(s) does not apply to bauxite ore.

(*p*) Emission factor(s) does not apply to drying of titanium/zirconium sands. See SCC 3-03-012-** for titanium processing. (p. 101)

(*q*) Particulate factors calculated from emission factors given in Table 7.9-2, Footnotes b-e.

(*r*) These SCCs also apply to coal cleaning operations at power plants. (p. 120, 121)

(*s*) Expressed as emission rate at point of release. For uncontrolled sources, to account for emissions that settle out within the plant, code a fictitious control device code for particulate of 006 (low efficiency gravitational collector), with appropriate control efficiency. See AP-42 for table of typical control efficiencies for gravitational settling.

(*t*) Several processes that routinely occur in Major Group 29 can be found under other major groups. Specifically, note the following: (p. 135, 136)

- waste of process gas and/or liquid fired boilers - SCC 1-02-***-**.
- internal combustion compressor engines - SCC 2-02-***-**.
- amine sweeting process - SCC 3-10-002-**.
- sulfur recovery process - SCC 3-01-032-**.
- sulfuric acid plant - SCC 3-01-022-** or 3-01-023-**.

(*u*) For Surface Coating Operations, see SCC 4-02-019-** and 4-02-021-**. (p. 144)

(*v*) For tire retreading operations, see SCC 3-08-005-**. (p. 146)

(*w*) For specific printing SCCs, see SCC 4-05-***-**. (p. 159)

(*x*) In-process fuel codes must always be used in conjunction with the appropriate process code. (p. 169, 171)

(*y*) These are general SCCs, applicable to all industrial categories. (p. 171, 172)

(*z*) This SCC should be used only to provide rough estimates of emissions for cases when information on amount of fabric processed is not available.

(*aa*) Includes Major Group 34 fabricated metal products, Major Group 35 small appliances, and other coating operations Major Group 33-39 not specified elsewhere. (p. 179)

U.S. EPA National Air Data Branch

"Criteria Pollutant Source Classification Codes and Emission Factor Listing"

EPA 450/4-90-003: PUBLICATION SURVEY & ORDER FORM

The National Air Data Branch is happy to provide you with the attached SCC/ Emission Factor listing. In order to help us serve you and meet your data needs better, please take a few moments to answer the following questions and return this form to the address indicated at the end of the questionnaire. If you have more detailed questions and comments please feel free to call us.

Please print or type:

Organization Name:

Your Name:

Address:

City: State: ZIP: Phone:

QUESTIONS:

1. Is this document useful to you? YES ( ) NO ( )

2. Do you want to receive updates and revisions?

   --YES, send to address given above. ( )

   --YES, send to address which follows:( )

   Name_____
   Address_____
   City/ST/ZIP_____

   --NO, do not send future updates. ( )

3. Do you need to make additional distributions of this document? (Note: Our ability to send additional copies is not unlimited, but we will do the best we can--ORDER FORM ON BACK.)

   --YES ( ) I need additional copies for:

   _____

   --NO ( )

4. Do you prepare emissions inventories? YES ( ) NO ( )
   If you answered YES, please CONTINUE TO NEXT COLUMN:

   If you answered NO, please use the envelope provided and return this form to the address indicated at the bottom of the reverse side of this form

5. (a) In your state, who calculates the point source emissions that you report to EPA Regional Offices for entry into the National Emission Data System (NEDS)? _____

   (b) Please indicate the rough percentages of the total reported emissions that are estimated by each group shown below:

   __% estimated by OWNER/OPERATORS of sources
   __% estimated by CONTRACTORS hired by the state
   __% estimated by STATE Personnel in state regional offices
   __% estimated by STATE Personnel in central state office
   __% estimated by OTHER: (please specify) _____

6. If state personnel calculate the emissions noted above, what percent of the work is done by each of the following:

   __% prepared by a Central MAINFRAME COMPUTER
   __% prepared by a PC or Programmable Desk CALCULATOR
   __% prepared by PAPER & PENCIL
   __% prepared by OTHER (please specify) _____

7. How many state personnel are involved in preparing emissions inventories? _____

8. What emissions size cut-off do you use for calculating and storing point source emissions:

   _____ _> 100 Tons
   _____ _> 50 Tons
   _____ _> 10 Tons
   _____ None
   _____ Other (please specify) _____

MORE

Page Two:

EPA 450/4-90-003: PUBLICATION SURVEY & ORDER FORM

QUESTIONS: (continued)

9. Do you calculate and store AREA-SOURCE Emissions?
( ) YES ( ) NO

10. Do you update your emissions data on a scheduled basis?
( ) YES ( ) NO

If "YES," please describe: (For example: "We update emissions when operating permits are renewed. Permits are renewed annually for sources that emit 1000 tons/year and every three years for smaller sources."

_____
_____
_____
_____

11. OTHER COMMENTS:

_____
_____
_____
_____
_____
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_____
_____
_____
_____
_____

THANK YOU for taking the time to answer these questions. The information you have provided in this questionnaire will help us to better understand how state emission inventories are prepared and how the EPA can help. We'd be happy to talk to you at anytime about problems or suggestions for improving emission inventories.

ORDER FORM: Please send items checked below to address given on page one of this questionnaire:

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Please use the enclosed envelope to send your reply to:

United States Environmental Protection Agency
Office of Air Quality Planning and Standards
National Air Data Branch (MD-14)
ATTENTION: Thomas E. Link
Research Triangle Park, N.C. 27711

TELEPHONE: (919) 541-5456 or FTS 629-5456.